



LUBE SOURCE CATALOGUE

INDUSTRY-LEADING PRODUCTS
FOR IMPROVED BUSINESS
PERFORMANCE



A HOLLYFRONTIER BUSINESS



A HOLLYFRONTIER BUSINESS

SELECTING THE RIGHT LUBRICANT

CAN SAVE YOU TIME, MONEY AND IMPROVE YOUR PERFORMANCE.

This catalogue has been compiled to assist in selecting the right lubricant, specialty fluid or grease for the intended application. Through a series of prompts and questions, these product 'decision trees' narrow the choice of lubricant products available to the best product for your application.

Our extensive line up of lubricants and greases includes products that are environmentally sensitive, recyclable, virtually non-toxic, and biodegradable. We have an enviable reputation for high quality, long-lasting and value-added products.

This catalogue has been designed for both general applications and a selected number of specialized applications. Not all possible applications and conditions could be represented in these pages. If you have a unique or specialized application that may not be covered in this catalogue or you wish to discuss your application in more detail, please contact a Petro-Canada Lubricants Representative or one of our many qualified Authorized Petro-Canada Lubricants Distributors around the globe. They would be pleased to give you personal assistance in selecting the right product.

Petro-Canada Lubricants has made every effort to provide complete and accurate information with regard to its own brand of lubricant products. As with all Petro-Canada Lubricants products, our standard No-Nonsense Lubricants Warranty applies. Petro-Canada Lubricants accepts no responsibility for the substitution of competitive products of a similar nature by an end user based on the recommendations found in this catalogue.

At the back of this catalogue, we have included a listing of our lubricant product part numbers. There is a unique product part number for each individual product SKU that includes product name, grade and package size.

LUBESOURCE

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INDUSTRY LEADING AUTOMOTIVE LUBRICANTS **THAT WORK AS HARD AS YOU DO.**

Exceeding major manufacturers' performance requirements. Created with the world's purest base oils. Engineered to OEM standards, and beyond. Resisting corrosion, deposits and wear. Protecting engines for the long haul.

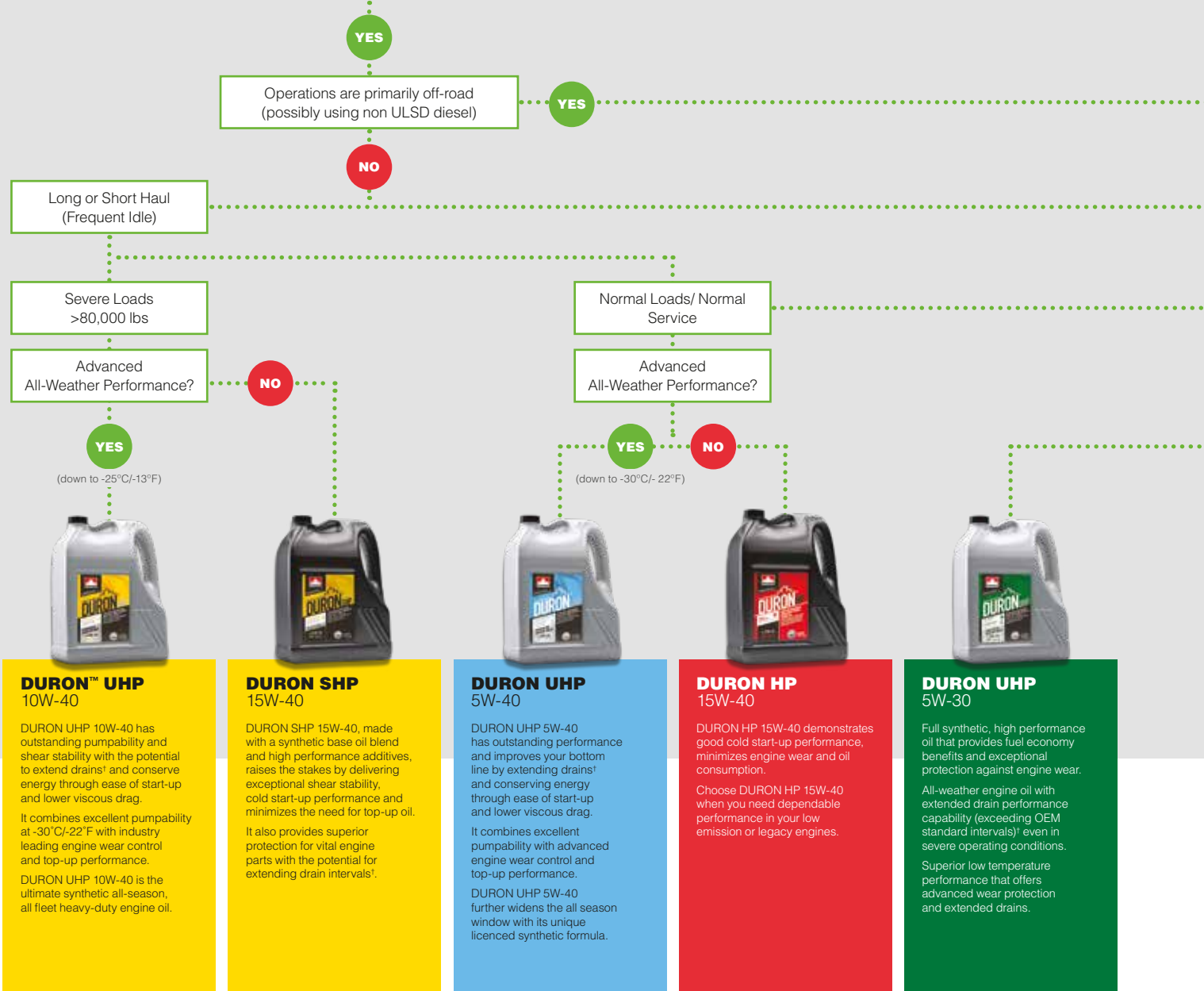
Visit lubricants.petro-canada.com to find out more.



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HEAVY-DUTY DIESEL ENGINE OIL

FLEETS LOOKING TO EXTEND THE LIFE OF THEIR ENGINES




* Extending drain intervals should always be undertaken in conjunction with an oil analysis program.

PERFORMANCE BENEFITS

DURON line of premium performance multigrade diesel engine oils delivers industry leading protection against increased wear which can lead to lower productivity and impaired fuel economy. They're formulated to exceed API CK-4 requirements and are suitable for use in the latest 2015 EPA compliant low emission engines. DURON is back serviceable and carries the API service CJ-4, CI-4 Plus, CI-4, and CH-4 licenses required by pre-'10 diesel engines.

- DURON UHP 5W-30 is an Ultra High Performance Diesel engine oil formulated with synthetic base oils and high performance additives to deliver fuel economy benefits and exceptional protection against engine wear.
- DURON SHP 10W-30 is a Super High Performance synthetic blend heavy-duty engine oil that delivers advanced engine protection and all-weather performance. It provides optimal engine durability and can deliver up to 1%* fuel economy improvements.

- DURON UHP 10W-40 is an Ultra High Performance synthetic all-weather heavy-duty diesel engine oil. It is formulated to provide exceptional protection against engine wear and deliver extended drain performance (exceeding OEM standard intervals)[†] even in the harshest operating conditions.
- DURON UHP 5W-40 and 0W-40 are Ultra High Performance synthetic engine oils that provide all-season protection and performance, especially in low temperature environments. DURON UHP 5W-40 and 0W-40 help conserve energy and reduce engine wear through ease of cold weather start-up and lower viscous drag.
- DURON HP 15W-40 is a high performance heavy-duty engine oil that delivers all weather engine protection including dependable cold start up and exceptional shear stability. It can deliver extended drain capabilities (exceeding OEM standard intervals)[†].

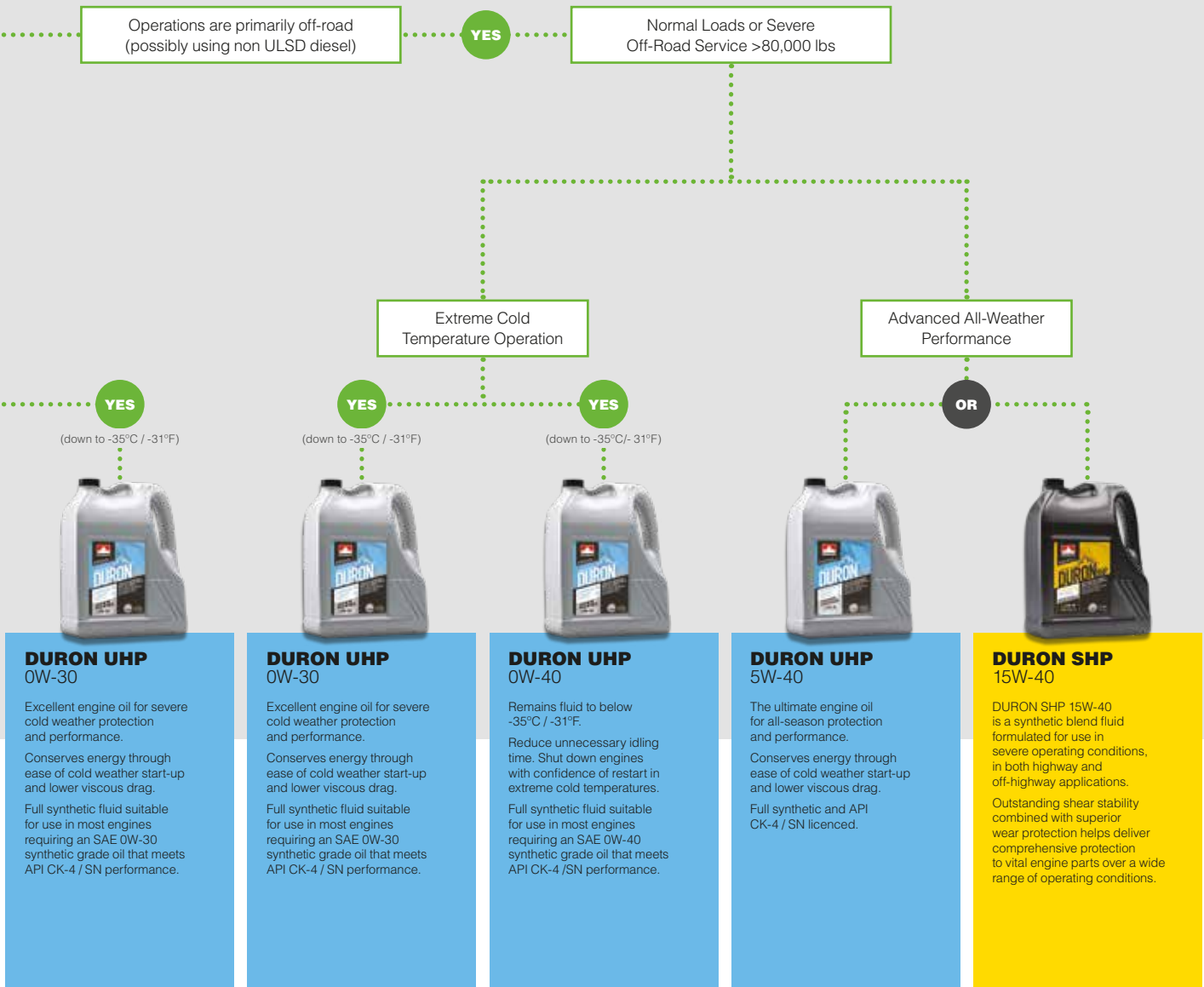
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*Comparing an SAE 15W-40 with 4.1cP HTHS vs a 10W-30 with 3.5cP HTHS. ** Comparing an SAE 15W-40 with 4.1cP HTHS vs a 10W-30 with 2.9cP HTHS. [†]Extending drain intervals should always be undertaken in conjunction with an oil analysis program. Refer to owner's manual or operations and maintenance manual for complete information.

OTHER PRODUCTS

Product	Application and Performance
DURON UHP E6 10W-40 and 5W-30	<ul style="list-style-type: none"> Ultra High Performance synthetic diesel engine oil designed for longer engine life, better all weather performance and increased efficiency. Exceeds ACEA E4/E6/E7/E9 standards. Low SAPS (Sulphated Ash, Phosphorous, Sulphur).
DURON CLASSIC 15W-40 and 20W-50	<ul style="list-style-type: none"> Premium multigrade heavy-duty engine oils recommended for engines fueled by diesel, gasoline, propane, or compressed natural gas (CNG), where applications specify API CH-4 / SJ. Available in China and other select countries.
DURON EXTRA 15W-40 and 20W-50	<ul style="list-style-type: none"> Premium multigrade heavy-duty engine oils recommended for engines fueled by diesel, gasoline, propane, or compressed natural gas (CNG), where applications specify API CJ-4 / SN. 15W-40 is licensed with API as CJ-4 / SN. Available in China and other select countries.
DURON SAE 10W, 30, 40 and 50	<ul style="list-style-type: none"> Used in many applications such as older heavy-duty transmissions, older diesel engines, including 2-stroke Detroit Diesel models, and hydraulic systems needing a detergent-containing hydraulic oil. Meets former API level CF (SAE 10W). Meets former API level CF and CF-2 (SAE 30, 40, 50).
DURON GEO LD 15W-40 and 10W-30	<ul style="list-style-type: none"> Designed for Compressed Natural Gas/Liquefied Natural Gas (CNG/LNG) mobile engines and works in diesel and gasoline engine as well - a true mixed fleet fluid. Approved for Cummins CES 20092 and fully backserviceable to CES 20085 specifications. API CK-4/SN licensed and approved by other major diesel engine OEMs like Detroit Diesel, Mack, Volvo and Renault. Extended drain intervals in CNG/LNG engines without the risk of increased engine wear and sluggish performance.
RALUBE™ 940 CF (9 TBN) and 40 CFS (13 TBN)	<ul style="list-style-type: none"> Designed for severe service locomotive, marine and stationary power plant. Chlorine-free and zinc-free chemistry. These products provide excellent oxidation resistance, wear protection and deposit control. RALUBE 940 CF is approved for: Electro-Motive Diesel Inc. (EMD, now known as Progress Rail), General Electric.



* Extended periods of usage of high sulfur fuels will shorten the oil drain intervals. An oil analysis program is recommended.

POWER TRANSMISSION FLUIDS

PERFORMANCE BENEFITS

- Petro-Canada Lubricants offers a full line of power transmission fluids that meet the latest performance credentials of the major car manufacturers.
- Offers outstanding wear protection to extend the life of automatic transmissions.
- Offers exceptional low temperature performance.

POWER TRANSMISSION FLUIDS

Product	Performance Features	Credentials
DEXRON®-VI	<ul style="list-style-type: none"> • Delivers 2X the service life of the former DEXRON-III (H) ATF fluids. • Offers enhanced performance in new and older General Motors transmissions. • Provides more consistent and responsive shift feel. • Extends life of transmission through improved oxidation resistance, wear protection and friction durability. 	<ul style="list-style-type: none"> • GM DEXRON®-VI licensed. • Meets GM service fill specification GMW16444. • Petro-Canada DEXRON®-VI is suitable for use where Volvo specification 97342 is mandated. It is also suitable where Chrysler/Dodge/Jeep vehicles call for Part Number 68043742AA. • GM recommends the use of DEXRON®-VI for all GM automatic transmissions including where the former DEXRON®-IIIH, -IIIG, -IIE, or -II specification was recommended. • Approved for Voith standard drain intervals (H55.6335.xx DIWA Service Bulletin 013 & 118, formerly G1363). • Mercedes-Benz-Approval 236.41.
ATF+4®	<ul style="list-style-type: none"> • Offers optimized shift efficiency, improved oxidation and shear stability for use in Chrysler automatic transmissions. • Extensively tested and approved by Chrysler for their material specification, MS-9602. 	<ul style="list-style-type: none"> • Chrysler ATF+4® licensed. • Meets Chrysler material specification MS-9602. • Back-serviceable in transmissions where ATF+3® fluids or earlier versions were recommended.
ATF D3M*	<ul style="list-style-type: none"> • Demonstrates outstanding oxidation and thermal stability, giving long service life under severe operating conditions. • Excellent low temperature protection and smoother shifting. 	<ul style="list-style-type: none"> • ATF D3M may be used in automatic transmissions where a fluid meeting the former DEXRON®-IIIH, -IIIG, -IIE, -II, or MERCON® specifications is recommended. • Meets Allison TES-389. • Suitable for use where MB 236.1/5/6/7, Allison C-4, or Caterpillar TO-2 is recommended. • May also be used in hydraulic and power steering systems.
DuraDrive™ MV Synthetic ATF	<ul style="list-style-type: none"> • Petro-Canada Lubricants' full synthetic, high viscosity, Multi-Vehicle ATF. • Advanced performance over conventional ATF fluids. • Improved oxidative resistance, wear protection, shear stability. • Enhanced friction and anti-shudder durability. 	<ul style="list-style-type: none"> • Suitable for use in a wide range of North American, European and Asian vehicles. • Ford MERCON®-V licensed. • Exceeds JASO 1A requirements.
DuraDrive LV MV Synthetic ATF	<ul style="list-style-type: none"> • Full synthetic low viscosity formulation that offers true multi-vehicle performance, outstanding wear protection, and exceptional fluid life • Provides the frictional properties, wear protection and viscometrics needed by most newer North American, Asian, and European automatic transmissions. • Benefits include excellent oxidation and shear stability, outstanding wear protection, and exceptional low temperature fluidity. 	<ul style="list-style-type: none"> • DuraDrive Low Viscosity MV Synthetic ATF is suitable for use in a wide range of North American, Asian, and European automatic transmissions • Fully approved against MERCON®LV (license MLV161104) • Fully approved against DEXRON®-VI (license J-60185)
DuraDrive CVT	<ul style="list-style-type: none"> • Full synthetic high viscosity Continuously Variable Transmission Fluid that offers outstanding wear protection, and exceptional fluid life • Excellent anti-shudder durability and high stable metal-to-metal friction properties • Outstanding protection against wear • Excellent resistance to oxidative and thermal breakdown • Reliable low/high temperature fluid performance 	<ul style="list-style-type: none"> • DuraDrive CVT MV Synthetic is suitable for use in a wide range of North American, Asian, and European continuously variable transmissions with belt/pulley or chain/pulley arrangements
DuraDrive DCT	<ul style="list-style-type: none"> • Full synthetic transmission fluid for wet dual or double clutch transmissions. • Provides excellent gear wear and corrosion protection, extended anti-shudder durability and reliable low temperature fluidity. • Benefits include excellent thermal, oxidative and shear stability, outstanding wear protection, strong corrosion protection and reliable low temperature fluidity. 	<ul style="list-style-type: none"> • DuraDrive DCT MV Synthetic is suitable for use in a wide range of European, Asian, and North American wet dual or double clutch transmissions.
DuraDrive HD Synthetic Blend ATF	<ul style="list-style-type: none"> • Specially formulated for commercial and heavy-duty transmission systems. • Outstanding resistance to oxidative and thermal breakdown. • Offers extended drain intervals and multiple heavy-duty credentials. 	<ul style="list-style-type: none"> • Approved for Voith (H55.6336.xx VTI-DIWA Service Bulletin 013 & 118, formerly G1363) (120K km) and ZF TE-ML 14B extended drain applications. Also approved for Allison C4 (legacy), ZF TE-ML 03D, 04D, 16L and 17C. • Suitable for use where Allison TES-295, Caterpillar TO-2, MB 236.1/5/6/7, MAN 339 Typ Z2 & V2, Volvo STD 1273,41 - transmission oil 97341 (AT101) or MERCON®V is recommended. • May also be used in automatic transmissions where a fluid meeting the former DEXRON®-IIIH, -IIIG, -IIE, -II, or MERCON® specifications is recommended. Not to be used where MERCON®LV or MERCON®SP are required. • May also be used as a hydraulic or power steering fluid.
DuraDrive HD Long Drain ATF	<ul style="list-style-type: none"> • Formulated for heavy-duty transmissions. • Excellent wear protection, oxidation control and friction durability as demonstrated in extensive rig testing and field trials. • Enhanced thermal and oxidative stability together with improved high and low temperature properties. 	<ul style="list-style-type: none"> • Approved for Voith (150.014524.xx VTI-DIWA Service Bulletin 013 & 118) maximum drain, 180K kms. • Approved for ZF TE-ML 14C, 20C, 04D, 16M, 16S and 25C, MAN 339 Typ V3, Z3, Z12, MB 236.9 and Volvo STD 1273,41 - transmission oil 97341.

DEXRON® is a registered trademark of General Motors LLC. MERCON® is a registered trademark of Ford Motor Company. ATF+4® and ATF+3® are registered trademarks of FCA US LLC (formerly known as Chrysler Group LLC).
 *An undyed version of this product is also available in Europe as PETRO-CANADA UNDYED ATF.

PASSENGER CAR MOTOR OILS

PERFORMANCE BENEFITS

- Petro-Canada Lubricants offers a full line of high quality passenger car motor oils.
- Meets the current warranty requirements of North American, European and Asian vehicles where the latest API Service Category SN with SN PLUS or ILSAC GF-5 standard is required.
- Completely backwards compatible where earlier API S categories (or ILSAC engine oil standards, as applicable) are recommended. *SAE 0W-16 excluded.

PETRO-CANADA PASSENGER CAR MOTOR OILS

Product	SAE Viscosity Grade	Performance Features	Credentials
SUPREME™ Synthetic	0W-16 0W-20 0W-30 5W-20 5W-30 10W-30	<ul style="list-style-type: none"> • Advanced formula for ultimate engine protection. • Outstanding resistance to thermal breakdown and oil thickening. • Reduced oil consumption; less top-up required. • Exceptional low temperature fluidity. • Assured protection against low speed pre-ignition (LSPI). 	<ul style="list-style-type: none"> • Licensed API SN with SN PLUS and Resource Conserving. • Exceed ILSAC GF-5 standard. *SAE 0W-16 excluded. • 5W-20 meets Ford WSS-M2C945-A/B1. • 5W-30 meets Ford WSS-M2C946-A/B1. • 0W-20 meets Ford WSS-M2C947-A/B1. • 0W-20, 0W-30, 5W-20, 5W-30, 10W-30 meet Chrysler MS-6395. • Applicable SAE Viscosity Grades meet Honda, Hyundai, Toyota, Kia and Mazda owner's manual recommended performance requirements. • 0W-30 meets Ford WSS-M2C953-A1/B1
SUPREME	5W-20 5W-30 10W-30 10W-40 20W-50	<ul style="list-style-type: none"> • Premium conventional motor oil that keeps engines protected. • Outstanding low temperature performance. • Excellent resistance to thermal breakdown. • LSPI protection. 	<ul style="list-style-type: none"> • 5W-20, 5W-30 and 10W-30 are API licensed API SN with SN PLUS and Resource Conserving, ILSAC GF-5. • 10W-40 and 20W-50 are API licensed API SN with SN PLUS. • 5W-20 meets Ford WSS-M2C945-A/B1. • 5W-30 meets Ford WSS-M2C946-A/B1. • 5W-20, 5W-30 and 10W-30 meet Chrysler MS-6395.
SUPREME High Mileage	0W-20 (Synthetic) 5W-20 5W-30 10W-30	<ul style="list-style-type: none"> • Contains REGEN Technology designed to clean up sludge in vehicles with high mileage • Rejuvenates your engine's power that is lost due to blow-by • Reduces the formation of new deposits on engine parts, resulting in a cleaner running engine • Meets the latest industry standards 	<p>Exceeds API SN Plus, and is resource conserving as well the latest ILSAC GF-5 specification.</p> <ul style="list-style-type: none"> • 0W-20, 5W-20, 5W-30, 10W-30 meets Chrysler MS-6395 • 0W-20 meets Ford WSS-M2C947-A/B1 • 5W-20 meets Ford WSS-M2C945-A/B1 • 5W-30 meets Ford WSS-M2C946-A/B1 • Meets oil specification requirements for General Motors, Honda, Hyundai, Kia, Mazda and Toyota gasoline powered vehicles
SUPREME Synthetic Hybrid	0W-16 0W-20	<p>Exceptional protection for internal combustion (IC) engines in a hybrid powertrain including:</p> <ul style="list-style-type: none"> • Outstanding protection against wear, rust and corrosion during frequent stop/start cycles prevalent with hybrid vehicles, extending bearing and engine life • Easier unaided cold weather starts and reduced wear during low temperature start-up and operation due to our best low temperature fluidity • Our best resistance to high temperature thermal breakdown resulting in cleaner running engines 	<ul style="list-style-type: none"> • Licensed API SN with SN PLUS and Resource Conserving. • 0W-20 exceeds ILSAC GF-5 requirements and is GM dexos1™ Gen 2 licensed • 0W-20 meets Chrysler MS-6395 • 0W-20 meets Ford WSS-M2C947-A/B1 • Meets oil specification requirements for Honda, Hyundai, Kia, Mazda, and Toyota

PETRO-CANADA PASSENGER CAR MOTOR OILS - OTHER PRODUCTS

Product	Application and Performance
SUPREME Synthetic 5W-40	<ul style="list-style-type: none"> • Premium advanced motor oil designed to lubricate the engines of today's gasoline and ethanol (up to E85) fuelled passenger cars, vans, CUVs, SUVs and light-duty trucks. • Exceptional resistance to high temperature thermal breakdown. • API SN with SN PLUS licensed. Available in China only.
SUPREME Synthetic Blend XL 5W-40	<ul style="list-style-type: none"> • Provides enhanced protection for the latest emission control systems and turbochargers. • Formulated to meet the latest API Service Category and Classification, licensed API SN with SN PLUS. • Available in China only.
SUPREME Synthetic 0W-40	<ul style="list-style-type: none"> • Premium, high performance, full synthetic engine oil specially formulated to ease engine start-ups at temperatures as low as -40°C. • Suitable for use in gasoline and light duty diesel engines without emission after-treatment systems where API SN is recommended. • Available in China only.
SUPREME C3-X Synthetic 5W-40	<ul style="list-style-type: none"> • Fuel saving synthetic motor oil that is produced with high quality synthetic base oils and an advanced additive system. • Exceeds the ACEA C3 requirements for gasoline and light-duty diesel engines. • Meets the requirements of Mercedes-Benz 229.51, BMW LL-04, Porsche A40 and Ford M2C917-A. • Available in Europe only.
SUPREME C3 Synthetic 5W-30	<ul style="list-style-type: none"> • High performance synthetic passenger car engine oil with a carefully balanced selection of synthetic base oils and advanced additive chemistry that protects gasoline catalytic converters and diesel particulate filters. • Meets the performance requirements of ACEA C3, API SN and is specially designed to support extended oil drain intervals of modern engines. • Exceeds the ACEA C3 requirements for fuel economy performance. • Available in Europe and China only. • MB-Approval 229.31
SUPREME C3-X Synthetic 5W-30	<ul style="list-style-type: none"> • Synthetic, top quality "Mid SAPS" passenger car motor oil that delivers outstanding performance and protection when lubricating today's modern engines. • Delivers exceptional resistance to thermal breakdown, outstanding low temperature fluidity and excellent engine protection at extreme operating temperatures. • Meets the performance requirements of ACEA C3, API SN, Porsche C30 and BMW LL-04 specifications. • Approved under VW Standard 504 00 and VW Standard 507 00 • MB-Approval 229.51.

*SAPS = Sulfated Ash, Phosphorus, Sulfur

AUTOMOTIVE GEAR OILS & AXLE FLUIDS

DOES YOUR APPLICATION REQUIRE AN SAE J2360 (API GL-5 OR MT-1) GEAR OIL?

NO

NO

SAE J2360 (API GL-5 & MT-1) Gear Oil Non-EP MTF

YES

Do you require a synthetic HD axle fluid that has extended drain capability and is under the DANA RoadRanger or International/Navistar extended warrentee Program?

YES

NO

Does your conventional HD transmission call for MT-1 and/or rear axle specify heavier grades such as #W-140?

YES

NO

Wider Temperature Range or Energy/Torque Efficiency required?

YES

Is Advanced Performance or Greater Potential Energy/Torque Efficiency required?

YES

Do you need a lower viscosity fluid for even higher energy efficiency and better low temperature performance?

NO

NO



TRAXON™ 80W-90

TRAXON 80W-90 provides advanced, long-lasting protection for reduced downtime and maintenance costs.

Outstanding shear stability which can ensure retention of viscosity to protect equipment against metal-to-metal contact and wear.

Meets API GL-5, MT-1, Scania ST0 1:0 (axle and gearbox/MT) and Meritor 0-76-D requirements.

Approved against SAE J2360 (MIL-PRF-2105E), ZF TE-ML lubricant class 05A, 12M, 16B, 17B, 19B, 21A [ZF003389] and Mack GO-J specifications.

TRAXON 80W-90 is MAN 342 Type M1 and M2 approved.

NO



TRAXON XL SYNTHETIC BLEND 75W-90

TRAXON XL Synthetic Blend 75W-90 provides excellent low temperature protection and more efficient operating performance for lower energy consumption than conventional 80W-90 gear oil.

Provides shear stability and resistance to degradation.

Meets API GL-5, MT-1 and Meritor 0-76-E requirements.

Approved against SAE J2360 (MIL-PRF-2105E), Mack GO-J and Scania ST0 1:0 (axle and gearbox/MT) specifications.

YES



TRAXON SYNTHETIC 75W-85

TRAXON Synthetic 75W-85 provides excellent long lasting wear protection and efficiency.

Protection in extreme cold weather conditions which means easier start-ups and cold weather shifting.

Meets API GL-5, MT-1 and is suitable for use where Mack GO-J, John Deere J11E and J11G, Volvo 1273.10 (97310) or 1273.12 (97312), and Meritor 0-76-J specifications are required.



TRAXON SYNTHETIC 75W-90

TRAXON Synthetic 75W-90 provides outstanding low temperature protection and torque efficiency.

Protection in extreme cold weather conditions which means easier start-ups and cold weather shifting.

Provides excellent shear stability for extended drain applications.

Meets API GL-5, MT-1 and Scania ST0 1:0 (axle and gearbox/MT) requirements.

Approved against the SAE J2360 Global Standard (formerly MIL-PRF-2105E), Mack GO-J, MAN 342 Type M1 and M2, approved/listed by ZF as TE-ML lubricant class 05A, 16B, 17B and 21A (ZF002212) and listed/approved for Meritor 0-76-E.

PERFORMANCE BENEFITS

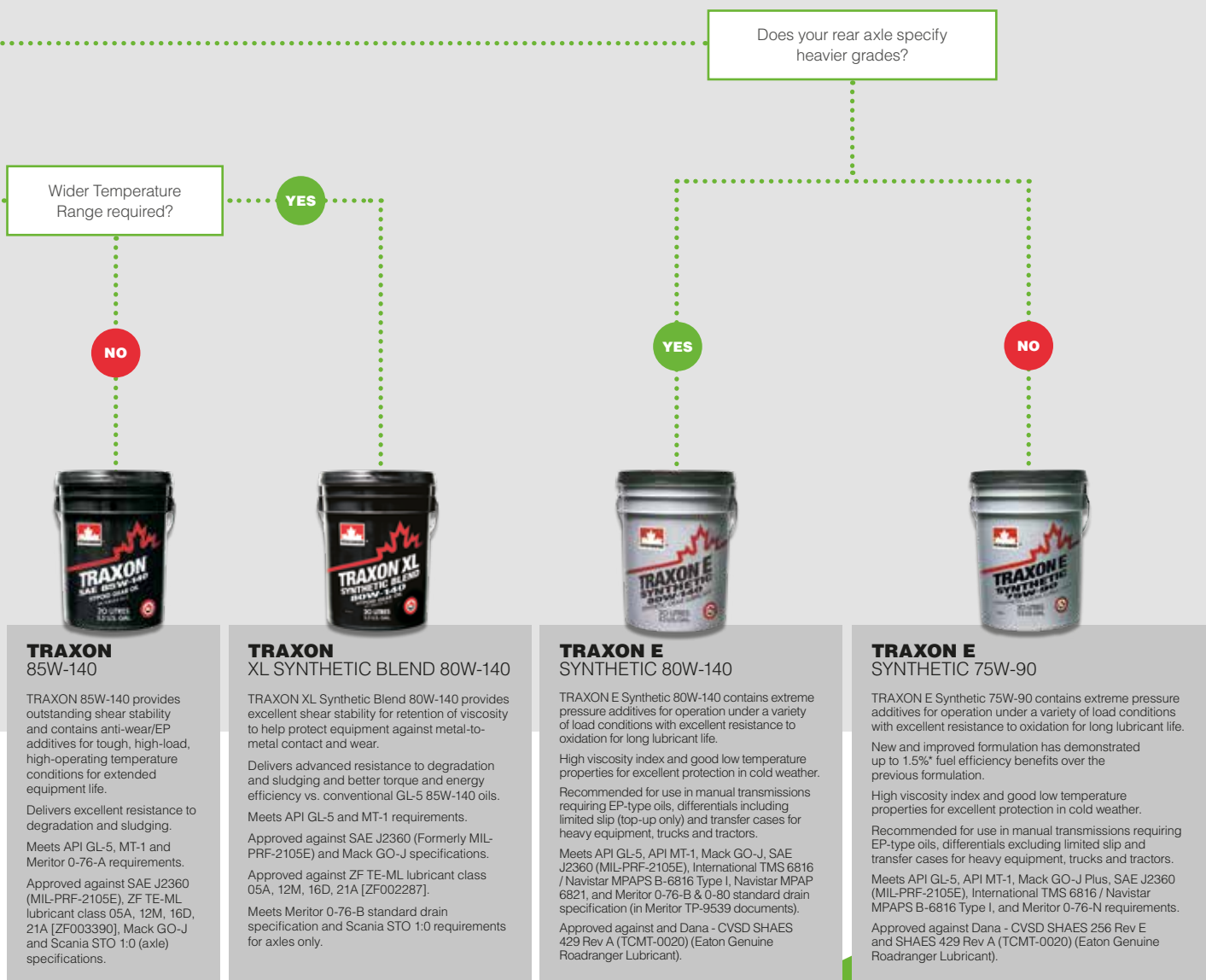
- Designed for use in many manual transmissions, for passenger cars, trucks, and off-highway vehicles where mild Extreme Pressure (EP) type lubricants are recommended.
- TRAXON axle fluids meet API GL-5 and MT-1 requirements as well as SAE J2360 Global Standards.
- Suitable for most oil lubricated universal joints, wheel bearings, planetary gear sets, steering gears and industrial gear reducers requiring API GL-3 (inactive), GL-4 or GL-5 oils.
- Excellent thermal and oxidation stability resulting in superior gear cleanliness.
- TRAXON axle fluids are not for use in specific manual transmissions calling for the use of an API GL-4 rated oil only and a GL-5/MT-1 oil is not acceptable.

DO YOU HAVE AN AUTOMATED MANUAL TRANSMISSION (AMT) OR NEED AN API GL-4?

YES

See next page

Non-EP MTF



*Fuel Economy (FE) claims are based on improvements noted in both Industry and fleet testing, including SAE J1321, J1376 & J1526, versus previous formulation.

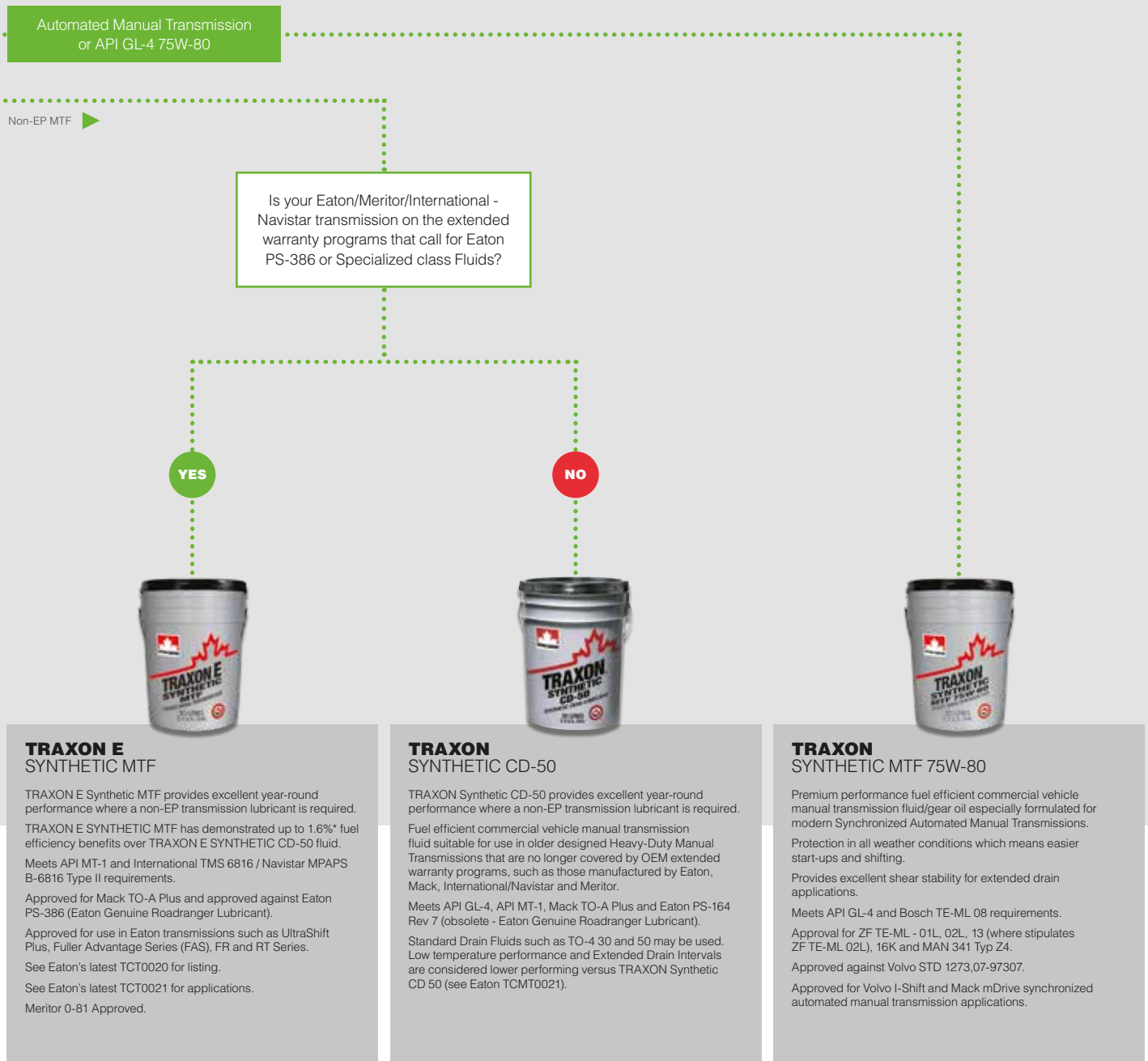
MANUAL TRANSMISSION FLUIDS

PERFORMANCE BENEFITS

- Specialized manual transmission TRAXON fluids such as (TRAXON Synthetic MTF 75W-80, TRAXON Synthetic CD-50 and TRAXON E Synthetic MTF) meet many specialized manual transmission requirements.

OTHER PRODUCTS

Product	Application and Performance
DEXRON® Gear Oil 75W-90 DEXRON® LS Gear Oil 75W-90	<ul style="list-style-type: none"> Synthetic extreme pressure automotive axle lubricant formulated for GM applications. Provides excellent long lasting wear protection to extend equipment life and reduce downtime and maintenance costs. DEXRON® LS Gear Oil 75W-90 contains added friction modifiers to perform in limited-slip differentials.
GEARLUBE 80W-90 & GEARLUBE 85W-140	<ul style="list-style-type: none"> API GL-5 hypoid gear lubricants for general purpose good performance in axle/gear applications. Not for use in Manual transmission applications where non API GL-5 oil are required.



TRAXON E SYNTHETIC MTF

TRAXON E Synthetic MTF provides excellent year-round performance where a non-EP transmission lubricant is required. TRAXON E SYNTHETIC MTF has demonstrated up to 1.6%* fuel efficiency benefits over TRAXON E SYNTHETIC CD-50 fluid. Meets API MT-1 and International TMS 6816 / Navistar MPAPS B-6816 Type II requirements. Approved for Mack TO-A Plus and approved against Eaton PS-386 (Eaton Genuine Roadranger Lubricant). Approved for use in Eaton transmissions such as UltraShift Plus, Fuller Advantage Series (FAS), FR and RT Series. See Eaton's latest TCT0020 for listing. See Eaton's latest TCT0021 for applications. Meritor 0-81 Approved.

TRAXON SYNTHETIC CD-50

TRAXON Synthetic CD-50 provides excellent year-round performance where a non-EP transmission lubricant is required. Fuel efficient commercial vehicle manual transmission fluid suitable for use in older designed Heavy-Duty Manual Transmissions that are no longer covered by OEM extended warranty programs, such as those manufactured by Eaton, Mack, International/Navistar and Meritor. Meets API GL-4, API MT-1, Mack TO-A Plus and Eaton PS-164 Rev 7 (obsolete - Eaton Genuine Roadranger Lubricant). Standard Drain Fluids such as TO-4 30 and 50 may be used. Low temperature performance and Extended Drain Intervals are considered lower performing versus TRAXON Synthetic CD 50 (see Eaton TCMT0021).

TRAXON SYNTHETIC MTF 75W-80

Premium performance fuel efficient commercial vehicle manual transmission fluid/gear oil especially formulated for modern Synchronized Automated Manual Transmissions. Protection in all weather conditions which means easier start-ups and shifting. Provides excellent shear stability for extended drain applications. Meets API GL-4 and Bosch TE-ML 08 requirements. Approval for ZF TE-ML - 01L, 02L, 13 (where stipulates ZF TE-ML 02L), 16K and MAN 341 Typ Z4. Approved against Volvo STD 1273,07-97307. Approved for Volvo I-Shift and Mack mDrive synchronized automated manual transmission applications.

*Fuel Economy (FE) claims are based on improvements noted in both SAE J1321 and fleet testing, versus TRAXON E SYNTHETIC CD-50. DEXRON® is a registered trademark of General Motors LLC.



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WANT TO STAY ON THE ROAD FOR LONGER? **GET END-TO-END PROTECTION.**

From the cooling system to the rear axle – our product lines have a global reputation for outstanding performance. Everywhere we go, fleets **reduce their down time, get more reliable and increase profits.**



COMMERCIAL TRANSPORTATION HYDRAULIC FLUIDS

ARE THE HYDRAULICS USED IN AN ENVIRONMENTALLY SENSITIVE AREA?

YES

NO

Do you operate your hydraulics in Arctic conditions or require instant response in winter season?

YES

NO

Do you require an all-season hydraulic oil?

YES

NO

Can you consolidate viscosity grades?

YES

NO



HYDREX™ AW

HYDREX AW is recommended for heavy-duty hydraulic applications requiring outstanding wear protection.

HYDREX AW fluids have both excellent thermal stability and oxidation life, which means extended intervals between change-outs and excellent protection against corrosion and varnish.

Available in grades 22, 32, 46, 68, 80 and 100.



HYDREX MV

HYDREX MV is recommended for heavy-duty hydraulic applications operating at high pressures and in wide temperature range conditions.

They are ideally suited for piston, gear and vane pumps used in industrial, marine, forestry, mining and other mobile hydraulic systems.

These fluids offer minimal fluid friction at low start-up temperatures and excellent protection at high operating temperatures.

Energy efficiencies could be realized.

Available in grades 22, 32, 46 and 68.



HYDREX XV ALL SEASON

HYDREX XV All Season performs in mobile equipment that has to be started at temperatures as low as -34°C/-29°F and performs equally well at temperatures as high as 90°C/194°F.

HYDREX XV All Season performs exceedingly well in a wide range of industrial machinery and mobile equipment used in such industries as forestry, construction, mining, public utility and marine operations.

Energy efficiencies could be realized.



HYDREX MV ARCTIC 15

HYDREX MV Arctic 15 is a premium, high performance hydraulic fluid designed for start up in extremely cold temperature operations, particularly in arctic climates as low as -50°C/-58°F.

It is also readily biodegradable according to OECD 301B, and recommended for use in critical low temperature systems that have to respond quickly and reliably.

PERFORMANCE BENEFITS

- HYDREX AW are premium performance, long-life anti-wear hydraulic fluids.
- HYDREX MV fluids are designed for use in wide temperature ranges.
- HYDREX XV All Season is recommended for year-round use in equipment that must perform in both low and high temperature ranges. Potential energy efficiencies could be realized with product versus monograde products.
- ENVIRON™ AW monograde hydraulic fluids are designed for use in equipment used primarily in environmentally sensitive areas.
- ENVIRON MV fluids are designed for year-round use in equipment operating in wide temperature ranges, particularly in environmentally sensitive areas.
- Please refer to the Tech Data sheets for a complete listing of the OEM approvals for HYDREX and ENVIRON.

Do you require an extremely wide temperature range or a hydraulic oil suitable for use in Liebherr Cranes?

NO

YES



HYDREX EXTREME

HYDREX Extreme is a high performance hydraulic fluid designed for extremely wide temperature operation in high and severe low temperatures. (Start up temperature of -48°C/-54°F, with recommended operating temperature range of -35°C/-31°F to 68°C/154°F for industrial machinery.)

It is designed for vane, gear and axial piston hydraulic pumps over an extremely wide range of operating temperatures.

Energy efficiencies could be realized.

HYDREX Extreme is suitable for use in Liebherr Cranes where extreme cold temperatures occur.

It is free of heavy metals and is inherently biodegradable according to OECD 301B protocols.

Do you operate your hydraulics in wide temperature ranges?

NO

YES



ENVIRON AW

ENVIRON AW is free of heavy metals (zinc-free), is non-toxic, inherently biodegradable (according to OECD 301B protocols) and recyclable.

It is formulated to provide outstanding anti-wear protection for extended equipment life.

Exceptional oxidation stability provides long oil life for fewer change-outs and minimizes sludge and varnish deposits.

Available in grades 32, 46 and 68.



ENVIRON MV

ENVIRON MV is free of heavy metals (zinc-free), is non-toxic, inherently biodegradable (according to OECD 301B protocols) and recyclable.

Formulated for both indoor and outdoor seasonal use.

Its formulation provides outstanding anti-wear protection for extended equipment life.

Exceptional oxidation stability means long oil life for fewer change-outs and minimizes sludge and varnish deposits.

Energy efficiencies could be realized.

Available in grades 32 and 46.

TRACTOR/ HYDRAULIC FLUIDS

PERFORMANCE BENEFITS

- DURATRAN™ is a Tractor Hydraulic Fluid (THF)/Universal Tractor Transmission Oil (UTTO) designed for agriculture, mining, forestry and construction equipment with a common oil system for transmission, differential, hydraulic, power take-off, wet brake and power steering mechanisms.
- Meets field performance requirements of all North American and most global manufacturers.

DURATRAN

Application	Product	Performance Features	Recommended For The Following Credentials/Specifications
DURATRAN Synthetic is designed for agriculture, mining, forestry and construction equipment. Designed specifically for true all-season performance, eliminates seasonal change-outs and has excellent oxidation stability.	DURATRAN Synthetic	<ul style="list-style-type: none"> • Exceptional true all-season performance for reliable hot and cold weather operation. • Performs at temperatures down to -41°C/-42°F. • Extends drain intervals; reduces the need for seasonal change-out. • Excellent frictional characteristics which can help prevent brake chatter and slip-skip problems, thereby helping to prolong these components' life. • Energy efficiencies can be realized versus monograde Tractor/Hydraulic Fluids (THF). • Excellent wear protection, even when water contamination is present. 	<ul style="list-style-type: none"> • Surpasses John Deere OEM specification JDM J20C (summer) and JDM J20D (winter). • Suitable for use in applications that call for CNH (Case I.H., J.I. Case New Holland Group): MS-1209/MAT 3505, MS-1210/JIC145/MAT 3506, MS-1230/CNH MAT 3509, ESN-M2C134-D/MAT 3525 older specifications (obsolete) such as MS-1207, MS-1206, MS-1205, MS-1204/JIC-185, B-6, B-5, JIC-144, JIC-143, FNHA-2-C-201.00, FNHA-2-C-201.00A (134-D), FNHA-2-C-200.00, ESN-M2C134-A/B/C, ESN-M2C86-B/C, ESN-M2C53-A, ESN-M2C48-B; White Farm (Oliver) Q-1826, Hydraulic Transmission Fluid (HTF), older specifications (obsolete) such as Q-1802, Q-1766B, Q-1722, Q-1705, Massey-Ferguson M-1141, M-1135, M-1143; M-1145 (For UTTO application only. Do not use in STOU engine applications.), older specifications (obsolete) such as M-1129-A, M-1127-A/B, M-1110, AGCO/Deutz-Allis/Allis: Power Fluid 821XL, 272843, older specifications (obsolete) such as 257541, 246634 GIMA MF CMS M1145, GIMA MF CMS M1141; Valtra G2-98, New Holland 410B, Volvo Std 1273.03 -97303 WB 101 (Approved), Volvo older specification (obsolete) ESN-M2C 134-D. • Recommended for use in Kubota UDT and Kubota UDT2 (Approved), Steiger Hydraulic Transmission Fluid, SEMS 17001, Versatile ESN-M2C134-D, Versatile older specification (obsolete) Hydraulic/Gear Fluid Spec 24M and Spec 23M, Komatsu KES 07.866, Landini (Tractor II Hydraulic Fluid), Hesston-Fiat (Oliofiat Tutela Multi-F), Just Duratran XL Synthetic Blend is approved for Kioti and Mahindra farm tractors. • Suitable for use in Sundstrand older specification (obsolete) Hydrostatic Transmission Fluid, Dresser Construction Equipment, Voith Heavy Industrial, Hitachi Heavy Industrial and ACEON/Miller Equipment. • Suitable for use against API GL-4, Caterpillar TO-2 (obsolete), Clark Lift Truck TA12, TA18, HR 500, HR 600. • Suitable for use where Allison C-4 Fluid (obsolete) and C-3 Fluids (obsolete) and ZF Transmission TE-ML 03E, 05F, 21F (axles), Heist*, Kalmar*, Kessler*, Hyster* and Fantuzzi* industrial equipment requirements are called for.
DURATRAN XL Synthetic Blend is designed for agriculture, mining, forestry and construction equipment. Designed particularly for winter and shoulder season work with excellent oxidation stability.	DURATRAN XL Synthetic Blend	<ul style="list-style-type: none"> • Extends drain intervals; reduces the need for shorter seasonal change-out. • Performs at temperatures down to -40°C/-40°F. • Excellent frictional characteristics to help prevent brake chatter and slip-skip problems, which could help prolong these components' life. • Excellent wear protection, even when water contamination is present. 	<ul style="list-style-type: none"> • Surpasses John Deere OEM specification JDM J20D. • Suitable for use in colder applications that call for CNH (Case I.H., J.I. Case New Holland Group): MS-1209/MAT 3505, MS-1210/JIC-145/MAT 3506, MS-1230/CNH MAT 3509, ESN-M2C134-D/MAT 3525, older specifications (obsolete) such as MS-1207, MS-1206, MS-1205, MS-1204/JIC-185, B-6, B-5, JIC-144, JIC-143, FNHA-2-C-200.00, ESN-M2C134-A/B/C, ESN-M2C86-B/C, ESN-M2C53-A, ESN-M2C48-B; White Farm (Oliver) Q-1826, Hydraulic Transmission Fluid (HTF), older specifications (obsolete) such as Q-1802, Q-1766B, Q-1722, Q-1705, Massey-Ferguson M-1141, M-1135, M-1143, older specifications (obsolete) such as M-1129-A, M-1127-A/B, M-1110, AGCO/Deutz-Allis/Allis: Power Fluid 821XL, 272843, older specifications (obsolete) 257541, 246634. • Recommended for use in Kubota UDT, Steiger Hydraulic/Transmission Fluid (SEMS 17001), Versatile ESN-M2C134-D, Versatile older specification (obsolete) Hydraulic/Gear Fluid Spec 24M and Spec 23M Landini (Tractor II Hydraulic Fluid winter only), Hesston-Fiat (Oliofiat Tutela Multi-F winter only), Kioti and Mahindra farm tractors. • Suitable for use in Sundstrand older specification (obsolete) Hydrostatic Transmission Fluid, Dresser Construction Equipment, Voith Heavy Industrial (winter only), Hitachi Heavy Industrial (winter only). • Suitable for use against API GL-4, Caterpillar TO-2 (obsolete) and C-3 Fluid (obsolete), Clark Lift Truck TA12, TA18, HR 500. • Suitable for use where Allison C-4 Fluid (obsolete) and C-3 Fluid (obsolete), Heist*, Kalmar*, Kessler*, Hyster*, and Fantuzzi* industrial equipment (winter only) requirements are called for.
DURATRAN is designed for agriculture, mining, forestry and construction equipment and is designed to exceed the performance characteristics of summer grade THF fluids with outstanding oxidation stability.	DURATRAN	<ul style="list-style-type: none"> • For extreme summer climate operating conditions. • Extreme high temperature performance. • Extends drain intervals, even in the hottest summer months. • Best suited for agricultural summer applications for various OEM farm equipment. • Excellent wear protection, even when water contamination is present. • Excellent frictional characteristics which can prevent brake noise and brake chatter, which could help prolong these components' life. 	<ul style="list-style-type: none"> • Surpasses John Deere OEM specification JDM J20C. • Suitable for use in applications that call for CNH (Case I.H., J.I. Case New Holland Group): MS-1209/MAT 3505, MS-1210/JIC-145/MAT 3506, MS-1230/CNH MAT 3509, ESN-M2C134-D/MAT 3525, older specifications (obsolete) such as MS-1207, MS-1206, MS-1205, MS-1204/JIC-185, B-6, B-5, JIC-144, JIC-143 FNHA-2-C-201.00, ESN-M2C134-A/B/C, ESN-M2C86-B/C, ESN-M2C53-A, ESN-M2C48-B; White Farm (Oliver) Q-1826, Hydraulic Transmission Fluid (HTF), older specification (obsolete) Q-1802, Q1766B, Q-1722, Q-1705, Massey-Ferguson M-1141, M-1135, M-1143; M-1145 (For UTTO applications only. Do not use in STOU engine applications.), older specifications (obsolete) M-1129/A, M-1127-A/B, M-1110; AGCO/Deutz-Allis/Allis: Power Fluid 821XL, 272843, older specifications (obsolete) 257541, 246634; GIMA MF CMS M1145, GIMA MF CMS M1141; Valtra G2-08 and G2-98, New Holland 410B, Volvo Std 1273.03 -97303 WB 101 (Approved). • Recommended for use in Kubota UDT, Steiger Hydraulic/Transmission Fluid, SEMS 17001; Versatile ESN-M2C134-D, Versatile older specification (obsolete) Hydraulic/Gear Fluid Spec 24M and Spec 23M, Landini (Tractor II Hydraulic Fluid), Komatsu KES 07.866, Hesston-Fiat (Oliofiat Tutela Multi-F), and Mahindra farm tractors. • Suitable for use in Sundstrand older specification (obsolete) Hydrostatic Transmission Fluid, Dresser Construction Equipment, Voith Heavy Industrial, Hitachi Heavy Industrial and ACEON/Miller Equipment. • Suitable for use against API GL-4, Caterpillar TO-2 (obsolete), Clark Lift Truck TA12; TA18, HR 600. • Suitable for use where Allison C-4 Fluid (obsolete) and C-3 Fluid (obsolete), ZF Transmission TE-ML 03E, 05F, 06K, 21F (axles), Heist*, Kalmar*, Kessler*, Hyster*, and Fantuzzi* industrial equipment requirements are called for.

*Top treat may be required. Note: For UTTO applications only – do not use in engine application where Super Tractor Oil Universal (STOU) are recommended. Note: Many Tractor OEM's have since been consolidated to one Brand. Specifications have been noted to be the last known specification published for specific Tractor brand names. Check with your OEM supplier for the latest lubricant specification required for your equipment or your OEM Manual.

TRANSMISSION/ DRIVE TRAIN OILS

PERFORMANCE BENEFITS

- PRODURO™ TO-4+ oils are designed to meet and exceed Caterpillar TO-4 TDTO (Transmission Drive Train Oil) lubricant specifications.
- Provides excellent protection, long oil life, smooth operation and lower operational costs.
- PRODURO FD-1 oils are designed to meet Caterpillar FD-1 Final Drive lubricant specifications.

PRODURO

Application	Product	Performance Features	Credentials/Identification
Suitable for use in a variety of construction, mining and heavy-duty transmission/hydraulic/wet brake and final drive where higher quality synthetic wide operating temperature performance is desired.	PRODURO TO-4+ Synthetic All Season	<ul style="list-style-type: none"> • May eliminate seasonal change-outs (see operating temp ranges for further details) and provides wider operation temperature ranges to TO-4+ 10W and TO-4+ 30. • Extends drain intervals. *see footnote. • Designed to maximize durability and equipment protection in cold and hot temperatures. • Maximizes life of frictional materials in Caterpillar powershift transmissions. Eliminates brake chatter and protects drive train gears against wear. • Outstanding anti-wear protection for hydraulic pumps and transmission systems. • Energy efficiencies could be realized versus monogrades. 	<ul style="list-style-type: none"> • Suitable for use where Caterpillar TO-4 lubricant specifications (TDTO) are required. • Suitable for use where Allison C-4 for transmission (obsolete) and ZF Transmission TE-ML 03C requirements are called for. • API Gear Lubricant Service GL-3 for manual transmissions and spiral bevel gears (inactive), API Category CD (obsolete). • Suitable for use in KOMATSU equipment which require the micro-clutch performance. • Suitable for use in Komatsu's KES 07.868.1, Komatsu-Dresser, Dana Power Shift, Tremac and Euclid equipment that call for a TO-4 Fluid.
Suitable for use in a variety of construction, mining and heavy-duty transmission/hydraulic/wet brake and final drive where Arctic temperature conditions are experienced.	PRODURO TO-4+ XL Synthetic Blend Lo Temp	<ul style="list-style-type: none"> • Extends component life through better lubricant protection. • Extends drain intervals. *see footnote. • Provides wider operating temperature ranges than TO-4+ 10W and suitable for Arctic conditions down to -45°C/-49°F. • Maximizes life of frictional materials in Caterpillar powershift transmissions. Eliminates brake chatter and protects drive train gears against wear. • Outstanding anti-wear protection for hydraulic pumps and transmission systems. 	<ul style="list-style-type: none"> • Suitable for use where Caterpillar TO-4 lubricant specifications (TDTO) and Allison C-4 for transmission (obsolete) are required. • Suitable for use in KOMATSU equipment which require the micro-clutch performance. • Suitable for use in Komatsu's KES 07.868.1, Komatsu-Dresser, Dana Power Shift, Tremac and Euclid equipment that call for a TO-4 fluid. • API Gear Lubricant Service GL-3 for manual transmissions and spiral bevel gears (inactive), API Category CD (obsolete).
Suitable for use in a variety of construction, mining and heavy-duty transmission/hydraulic/wet brake and final drive where higher performing monogrades are desired.	PRODURO TO-4+ 10W, 30, 50 and 60 grades	<ul style="list-style-type: none"> • Provides effective lubrication resulting in better protection. • Reliable performance over a wider range of temperatures than traditional TO-4 fluids. • Maximizes life of frictional materials in Caterpillar powershift transmissions. Eliminates brake chatter and protects drive train gears against wear. • Excellent anti-wear protection for hydraulic pumps and transmission systems. 	<ul style="list-style-type: none"> • Designed to meet Caterpillar TO-4 lubricant specification, Caterpillar TO-2 (obsolete), API gear Lubricant Service GL-3 (inactive), Allison C-4 for transmission (obsolete) API category CD (obsolete) and Eaton/Vickers (M-2950/I-280-S). • Suitable for use where ZF Transmission TE-ML 03C (10W and 30 grades) and TE-ML 07F (30 grade only) fluid requirements are called for. • Suitable for use in Komatsu's KES 07.868.1, Komatsu-Dresser, Dana Power Shift, Tremac, and Euclid equipment that call for a TO-4 fluid. • Suitable for use in KOMATSU equipment which require the micro-clutch performance. • Suitable for use in Eaton manual transmissions under standard drain category as quoted in Eaton TCM T0021EN-US (30, 50, and 60 grades).
Suitable for use in a variety of construction, mining and heavy-duty equipment final drives and axles where higher performing monogrades and longer gear and bearing life are desired.	PRODURO FD-1 60	<ul style="list-style-type: none"> • Provides improved gear and bearing life in final drives and axles. • Extends drain intervals — allows a drain interval of up to 4,000 hours for off-highway trucks final drive and rear axles compared with a 2,000-hour drain interval typically recommended for TO-4 fluids*. Not for use in compartments containing friction material unless an FD-1 type product is specified. • Improves extreme-pressure (EP) performance compared to TO-4 fluids. <p>NOT for use in engines, transmissions, hydraulics, or wet brakes. NOT for use in older designed Caterpillar final drives (789 series haul trucks).</p>	<ul style="list-style-type: none"> • Designed to meet Caterpillar FD-1 lubricant specifications for Caterpillar final drives and axles.
Suitable for use in a variety of construction, mining and heavy-duty equipment final drives and axles where a higher quality synthetic oil and wide operating temperature performance is desired.	PRODURO FD-1 Synthetic	<ul style="list-style-type: none"> • Protects gears and bearings against wear in severe duty applications. • Provides improved gear and bearing life in final drives and axles. • Improves extreme-pressure (EP) performance compared to TO-4 fluids. • Enhanced low-temperature performance compared to conventional CAT final drive and axle fluids. • Extends drain intervals — allows a drain interval of up to 6,000 hours for off-highway trucks final drive and rear axles compared with a 2,000-hour drain interval typically recommended for TO-4 fluids*. Not for use in compartments containing friction material unless an FD-1-type product is specified. <p>Not for use in engines, transmissions, hydraulics, or wet brakes. Not for use in older designed Caterpillar final drives (789 series haul trucks).</p>	<ul style="list-style-type: none"> • Meets the performance attributes of the Caterpillar FD-1 lubricant specification for Caterpillar final drives and axles with added benefits of low temperature performance.

*Any drain interval extension beyond Caterpillar recommendations must be accompanied by an oil analysis program.

SMALL ENGINE OIL

PERFORMANCE BENEFITS

- Petro-Canada Lubricants' small engine oil is designed to give excellent performance in air-cooled 2-stroke cycle engines operating under all conditions.
- Contains high performance additives, which give excellent anti-scuff and anti-wear performance to ensure reliability, internal cleanliness and long engine life.
- The additive system used produces minimal spark plug, ring, piston and valve deposits allowing for good starting and continued efficient engine operation.

SMALL ENGINE OIL

Application	Product	Performance Features	Credentials/Identification
Two-Stroke Engines	SUPREME Synthetic Blend 2-Stroke Small Engine Oil	<ul style="list-style-type: none"> • For both oil-injected and pre-mixed gasoline/oil lubricated engines. • Controls deposit formation/ring-sticking. • Minimizes spark plug fouling and engine pre-ignition. • Provides excellent protection against rust and corrosion. • Mixes easily with gasoline and pumps down to -40°C/-40°F. • Very low smoke emissions and low ash levels. 	<ul style="list-style-type: none"> • Dyed blue-green for easy detection of gasoline/oil mixtures. • Certified against JASO FC. • Meets the requirements of ISO-L-EGC and API TC. • SAE Fluidity/Miscibility (F/M) Grade 4. • Recommended for use in motorcycles, mopeds, snowmobiles, chain saws, generators, lawn mowers, weed trimmers and other landscaping equipment. • Suitable for use in air-cooled applications where API TC quality oils are recommended such as Husqvarna, STIHL, Poulan, Weedeater, Lawn-Boy, Tecumseh, Toro, Ryobi, Briggs & Stratton and Yamaha. • For air-cooled and some liquid cooled snowmobiles where API TC quality oils are recommended, such as Bombardier, Arctic Cat, Polaris and Yamaha. Check your OEM manual for suitability.

* The NMMA TC-W3 classification is registered by the National Marine Manufacturers Association.



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PAPER MACHINE OILS
& SAW GUIDE OILS.
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FINISH STRONG.**

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A HOLLYFRONTIER BUSINESS

CHAIN, PAPER MACHINE AND SAW GUIDE OILS

PERFORMANCE BENEFITS

- Petro-Canada Lubricants provides a complete line of oils for your chain, paper machine and saw guide needs.

CHAIN OILS


Application	Product	Performance Features
Chains, guide bars, journal bearings, sprockets and chain saws	DURATAC™ Chain Oil	<ul style="list-style-type: none"> • Economical, tacky. • Designed to reduce dripping and throw-off. • Can be used as a general purpose lubricant where oil control or tackiness is required. • Available in the following viscosity grades: 32 (dyed red), 68, 100, 150 (dyed red).
Ideal for use in printing shops, saw mills and for conveyor chains	DURATAC Non-Drip Oil	<ul style="list-style-type: none"> • Adheres strongly to metal surfaces. • Also for general machine lubrication where a tacky, non-drip oil is required. • Available in the following viscosity grades: 32, 68, 100, 150, 220. • Its light colour makes it desirable where a dyed oil is not preferred.
For use only in chain saws and timber harvester	Petro-Canada Bar and Chain Oils	<ul style="list-style-type: none"> • Available in 32 and 150 grades. • Contains LUBE-LOCK Technology designed for greater adherence/tackiness to bars and chains.

PAPER MACHINE OILS

Application	Product	Performance Features
Paper machine oil	SEPRO™ XL	<ul style="list-style-type: none"> • Resists oil degradation better than conventional competitive fluids. • Ashless, free of harmful metals formulation recommended for environmentally-sensitive areas. • Extended life lubricant formulated for excellent water separation, rust and corrosion protection, and wear protection. • Available in the following viscosity grades (non-dyed): 150, 220.

SAW GUIDE OILS

Application	Product	Performance Features
Multi-blade, gang saws and edgers	PETROGLIDE™	<ul style="list-style-type: none"> • Less wash-off and better lubricity. • Greater recovery with excellent extreme pressure properties. • Pitch control additives and rust inhibitor keeps blades cleaner. • Free of heavy metals. • Available in the following viscosity grades: 68, 100, 150. • Reduces consumption of water and oil. • Less guide changes and less saw changes results in higher production.
Mist lubricated bandsaws	PETROGLIDE MC 32	<ul style="list-style-type: none"> • Lubricates without excessive spray mist to reduce oil usage. • Less wash-off resulting in reduced oil consumption. • Reduces friction. • Rust inhibitor and pitch control additive keeps blades cleaner. • Available in viscosity grade: 32. • Free of heavy metals.
Saw guides	PETROGLIDE ELV	<ul style="list-style-type: none"> • Helps to reduce saw guide deviation and improve on-spec board production. • Tested for multi-blade gang saws and edgers. • Anti-rust additive keeps blades cleaner helping to increase saw guide life and minimize wood losses. • Designed to emulsify with water for enhanced cooling efficiency.



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LUBRICANTS'
GREASES HAVE
**ALWAYS BEEN
PIONEERS IN
THE INDUSTRY.**

We understand that your equipment needs to perform on the surface or underground, in some of the world's toughest conditions. Our greases are formulated to deliver outstanding equipment protection under severe loads, over an extreme range of temperatures and environments.

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A HOLLYFRONTIER BUSINESS

MULTI-APPLICATION GREASES

DOES YOUR APPLICATION REQUIRE A GREASE FOR SHOCK LOADING?

YES

NO

Is the application high load, slow moving?

NO

YES

Is very high base oil viscosity required?

NO

YES

Is high base oil viscosity required

YES

Is low temperature performance required?

NO

YES

NO

Low Temperature
(-4°C/-40°F to 120°C/248°F)

Low Temperature
(-30°C/-22°F to 170°C/338°F)

Moderate Temperature
(-25°C/-13°F to 160°C/320°F)

Moderate Temperature
(-20°C/-4°F to 170°C/338°F)



VULTREX™ MPG SYNTHETIC ARCTIC

VULTREX MPG Synthetic Arctic is recommended for centralized greasing systems on heavy-duty off-highway and mining equipment, operating in extreme low temperature conditions. Delivers excellent EP and anti-wear properties.

PRECISION™ SYNTHETIC HEAVY 460

PRECISION Synthetic Heavy 460 is an NLGI #1.5 grease designed for the lubrication of dryer felt-roll bearings in paper machines, where extended life at high temperatures is needed and frequent replenishment is not possible.

VULTREX™ MPG (EP1 & EP2)

VULTREX MPG EP1 is designed for centralized greasing systems on heavy-duty gear and bearing applications.

VULTREX MPG EP2 is recommended for heavy-duty gear and bearing applications operating at low speed and higher temperatures.

PRECISION™ SYNTHETIC HEAVY 1500

PRECISION Synthetic Heavy 1500 is an NLGI #1.5 grade grease designed for service in plain as well as rolling element bearings operating at low speeds, heavy loads and high temperatures; conditions encountered in mining, construction and forestry applications.

PEERLESS™ OG (0, 1, 2, 2 RED, PLUS)

PEERLESS OG is a multi-application, long-life grease.

Formulated for lubricating loaded bearings, universal joints, and chassis in industry, transport, marine and offshore applications operating in very wet, dusty and/or dry conditions.


NLGI GC-LB* (except OG 0 & OG PLUS).

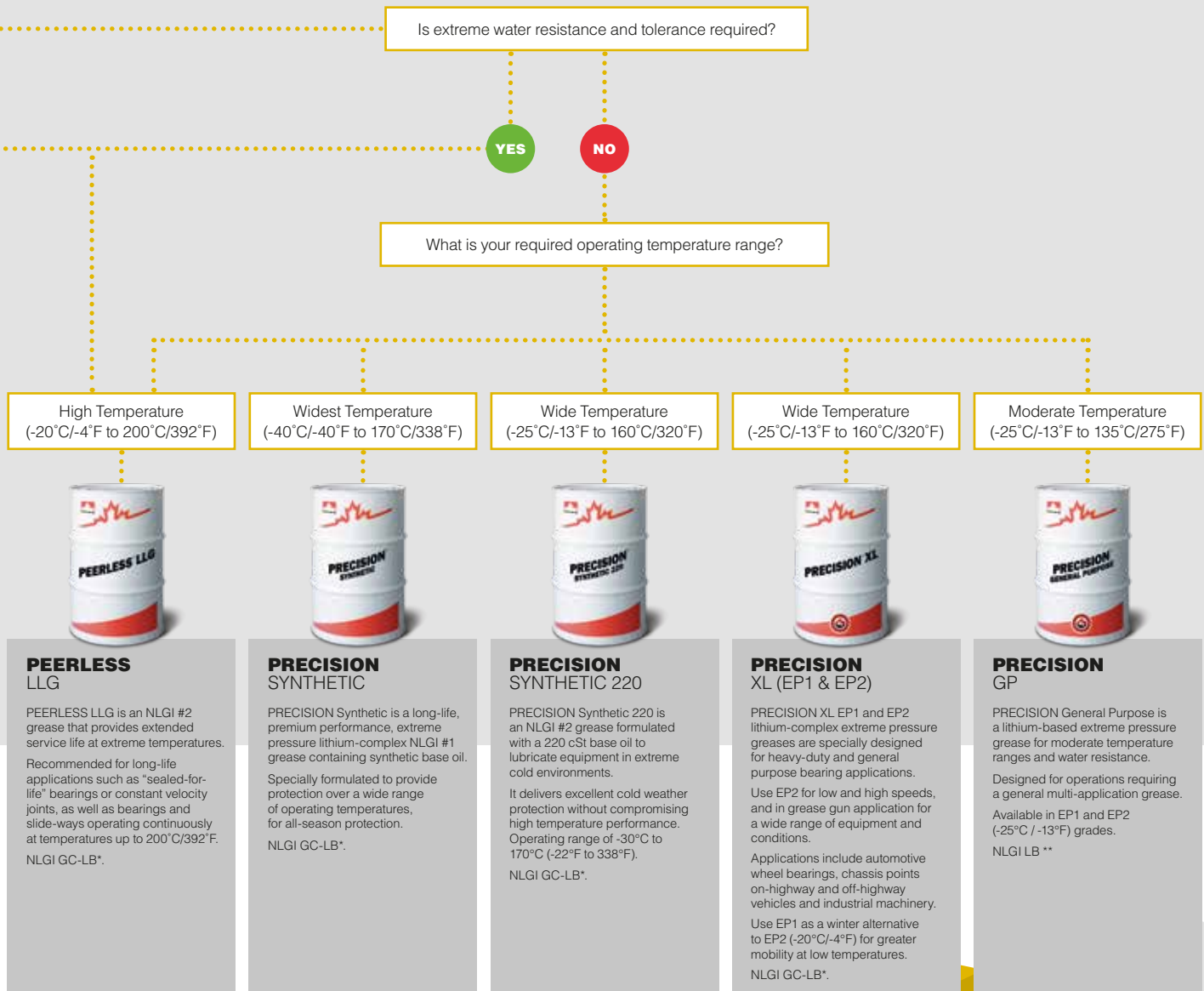


* These greases meet the NLGI Automotive Service Classification GC-LB for wheel bearing and chassis lubrication.

PERFORMANCE BENEFITS

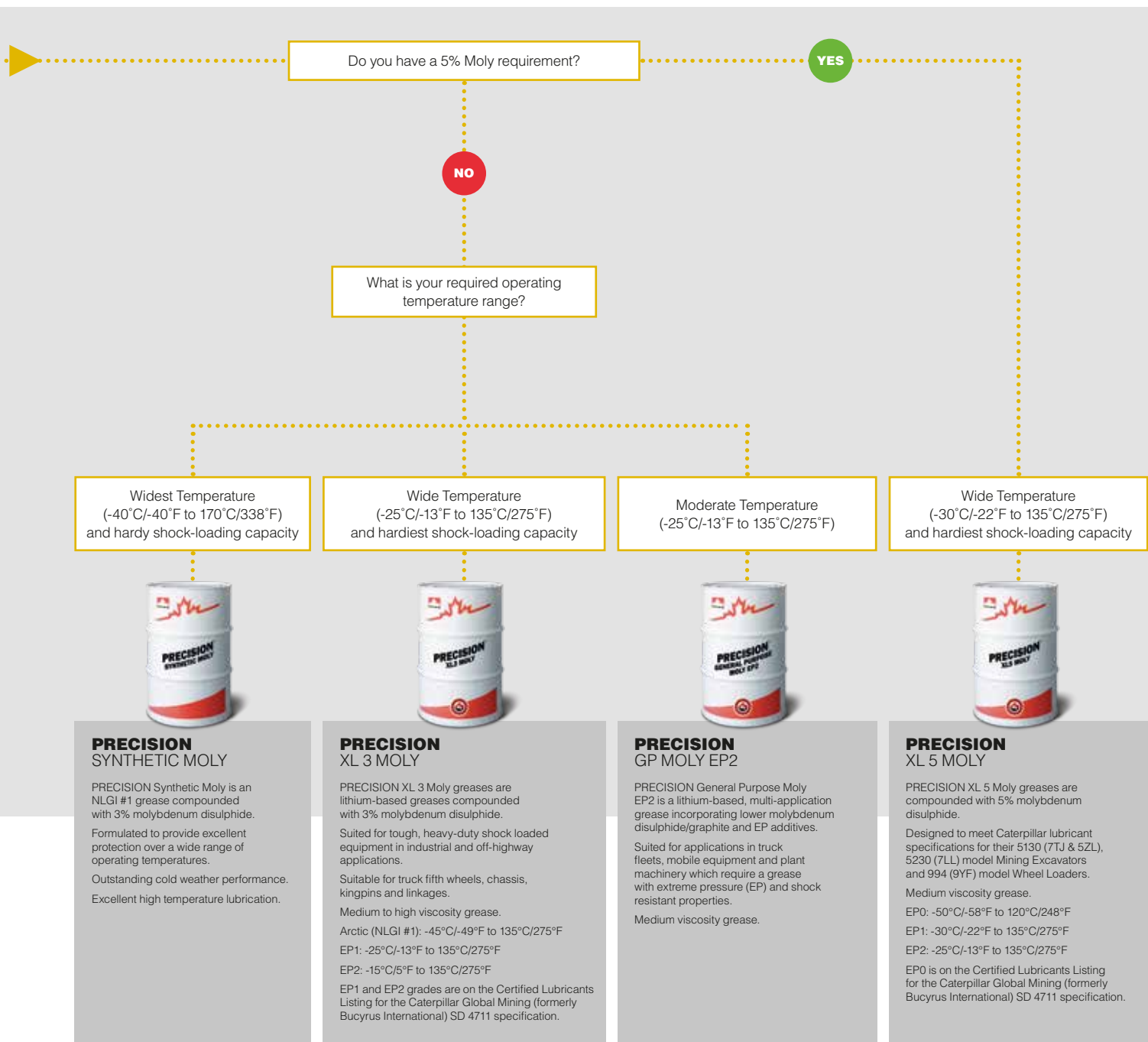
- PRECISION Synthetic and XL greases can last up to 3 times longer in performance testing (ASTM D3527) than leading competitor brands, while providing advanced protection and helping to lower maintenance costs.
- PRECISION Synthetic greases deliver high performance in wide operating conditions for enhanced protection and savings.
- PRECISION XL greases are versatile, premium performance, long-life, lithium/lithium-complex greases.
- PRECISION XL Moly greases are lithium greases formulated with 3% and 5% molybdenum disulphide.
- PEERLESS LLG is a high-performance, calcium sulphonate complex grease, for high temperature, wet and very long-life applications.
- PEERLESS OG is formulated for the lubrication of loaded bearings, universal joints and chassis operating in very severe wet, dusty and/or dry conditions.
- VULTREX MPG greases provide excellent lubrication for off-road equipment in bearings or bushings subject to high pressures or heavy shock loading.
- VULTREX G-123 & G-124 are red tacky greases designed for visibility and to lubricate heavy-duty truck components such as wheel bearings, kingpins, and chassis points.

See next page 



* These greases meet the NLGI Automotive Service Classification GC-LB for wheel bearing and chassis lubrication.

Note: Temperature ranges listed are "operating temperatures."



Do you have a 5% Moly requirement?

YES

NO

What is your required operating temperature range?

Widest Temperature
(-40°C/-40°F to 170°C/338°F)
and hardy shock-loading capacity



PRECISION SYNTHETIC MOLY

PRECISION Synthetic Moly is an NLGI #1 grease compounded with 3% molybdenum disulphide. Formulated to provide excellent protection over a wide range of operating temperatures. Outstanding cold weather performance. Excellent high temperature lubrication.

Wide Temperature
(-25°C/-13°F to 135°C/275°F)
and hardest shock-loading capacity



PRECISION XL 3 MOLY

PRECISION XL 3 Moly greases are lithium-based greases compounded with 3% molybdenum disulphide. Suited for tough, heavy-duty shock loaded equipment in industrial and off-highway applications. Suitable for truck fifth wheels, chassis, kingpins and linkages. Medium to high viscosity grease. Arctic (NLGI #1): -45°C/-49°F to 135°C/275°F EP1: -25°C/-13°F to 135°C/275°F EP2: -15°C/5°F to 135°C/275°F EP1 and EP2 grades are on the Certified Lubricants Listing for the Caterpillar Global Mining (formerly Bucyrus International) SD 4711 specification.

Moderate Temperature
(-25°C/-13°F to 135°C/275°F)



PRECISION GP MOLY EP2

PRECISION General Purpose Moly EP2 is a lithium-based, multi-application grease incorporating lower molybdenum disulphide/graphite and EP additives. Suited for applications in truck fleets, mobile equipment and plant machinery which require a grease with extreme pressure (EP) and shock resistant properties. Medium viscosity grease.

Wide Temperature
(-30°C/-22°F to 135°C/275°F)
and hardest shock-loading capacity



PRECISION XL 5 MOLY

PRECISION XL 5 Moly greases are compounded with 5% molybdenum disulphide. Designed to meet Caterpillar lubricant specifications for their 5130 (7TJ & 5ZL), 5230 (7LL) model Mining Excavators and 994 (9YF) model Wheel Loaders. Medium viscosity grease. EP0: -50°C/-58°F to 120°C/248°F EP1: -30°C/-22°F to 135°C/275°F EP2: -25°C/-13°F to 135°C/275°F EP0 is on the Certified Lubricants Listing for the Caterpillar Global Mining (formerly Bucyrus International) SD 4711 specification.

Note: Temperature ranges listed are "operating temperatures."



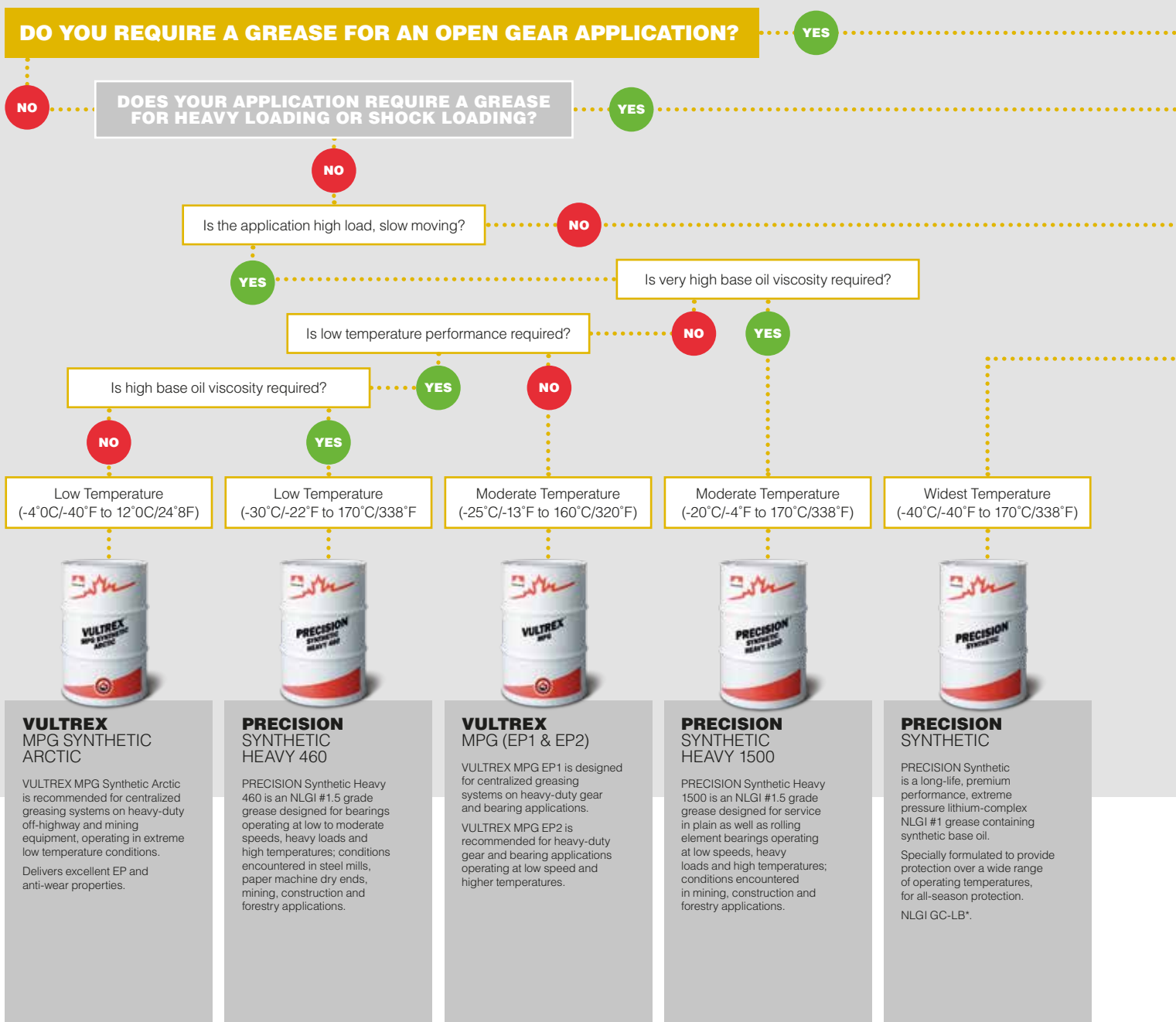
GET YOUR
GREASES RIGHT.
**KEEP YOUR
BUSINESS MOVING.**

Whatever industry you're in, we'll deliver on our promises. We've got a comprehensive line-up that's proven to give outstanding results – even in the most extreme environments. You'll get **better reliability**, **less maintenance** and **more profits**.



A HOLLYFRONTIER BUSINESS

MINING GREASES




* These greases meet the NLGI Automotive Service Classification GC-LB for wheel bearing and chassis lubrication.

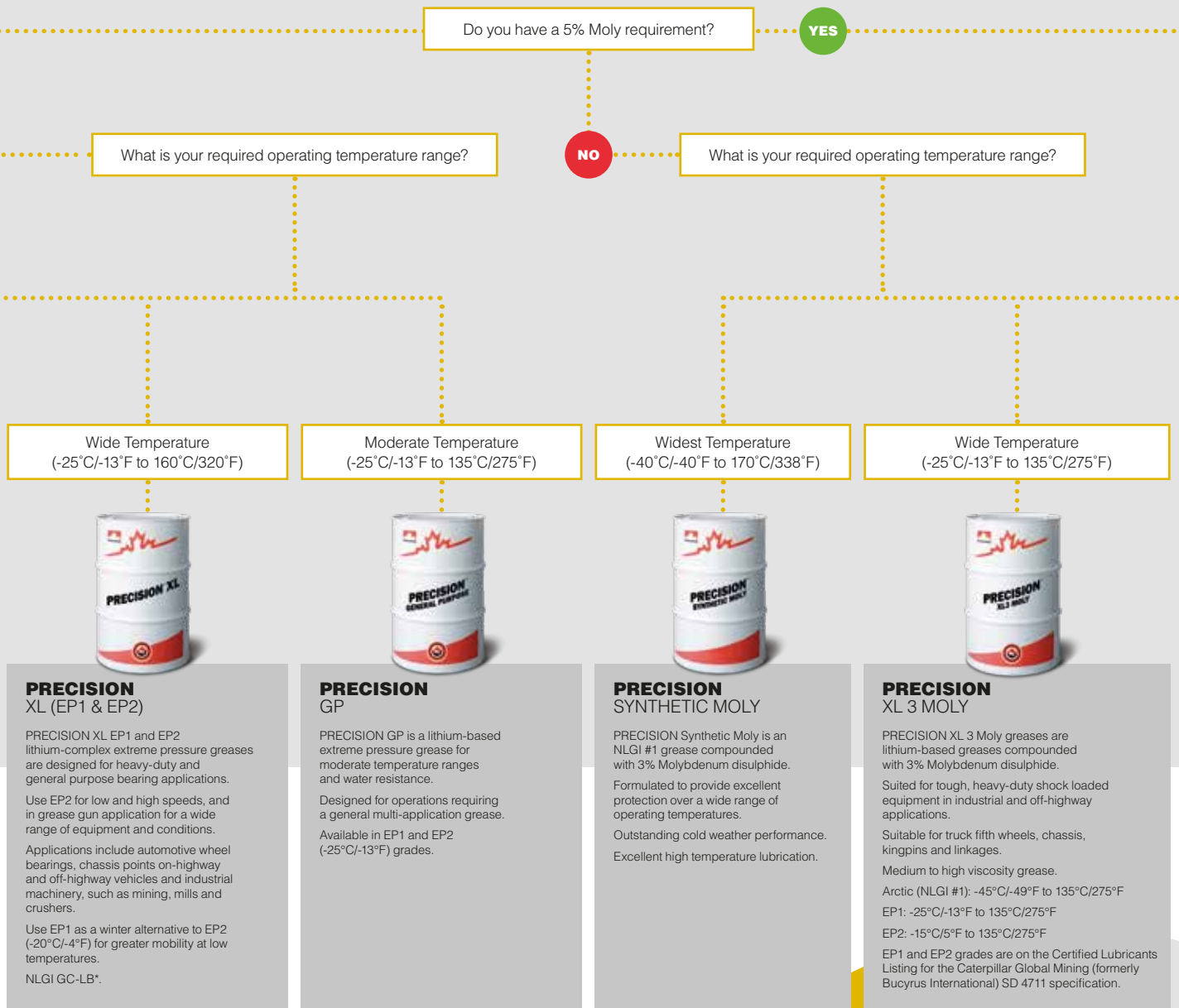
PERFORMANCE BENEFITS

- VULTREX OGL is perfect for large, heavy-duty, open and enclosed gear drives, as well as bearings and exposed sliding surfaces – commonly found in open pit mining.
- VULTREX MPG, G-123 and G-124 greases provide excellent lubrication for off-road equipment, resulting in outstanding service life and longer equipment protection.
- VULTREX GEAR SHIELD[†] NC provides lubrication of open gear sets, SAG and Ball Mills.

- PRECISION greases can last up to 3 times longer in performance tests (according to standard test method for Life Performance of Automotive Wheel Bearing Grease ASTM D3527) than leading competitor brands, while providing advanced protection and helping to lower maintenance costs.
- PRECISION XL EP1 and EP2 greases are versatile, premium performance, long-life, lithium-complex greases.

[†] Gear Shield is a registered trademark of Petron® Corp.; Petro-Canada Lubricants is a registered user.

See next page 



* These greases meet the NLGI Automotive Service Classification GC-LB for wheel bearing and chassis lubrication.

Note: Temperature ranges listed are "operating temperatures."

Moderate Temperature
(-25°C/-13°F to 135°C/275°F)



PRECISION GP MOLY EP2

PRECISION General Purpose Moly EP2 is a lithium-based, multi-application grease incorporating lower molybdenum disulphide/graphite and EP additives.

Suited for applications in truck fleets, mobile equipment and plant machinery which require a grease with extreme pressure (EP) and shock resistant properties. Medium viscosity grease.

Moderate Temperature
(-15°C/5°F to 170°C/338°F)



PEERLESS 3 MOLY 322

PEERLESS 3 MOLY 322 is a calcium sulfonate complex grease compounded with 3% molybdenum disulphide and 320 base oil viscosity.

Suited for tough, heavy-duty shock loaded equipment in industrial and off-highway applications. Suitable for truck fifth wheels, chassis, kingpins and linkages. High viscosity grease. Available in an NLGI EP2 grade.



PRECISION XL 5 MOLY

PRECISION XL 5 Moly greases are compounded with 5% molybdenum disulphide.

Designed to meet Caterpillar lubricant specifications for their 5130 (7TJ & 5ZL), 5230 (7LL) model Mining Excavators and 994 (9YF) model Wheel Loaders.

Medium viscosity grease.

EP0: -50°C/-58°F to 120°C/248°F

EP1: -30°C/-22°F to 135°C/275°F

EP2: -25°C/-13°F to 135°C/275°F

EP0 is on the Certified Lubricants Listing for the Caterpillar Global Mining (formerly Bucyrus International) SD 4711 specification.

OPEN GEAR

MILL OPEN GEAR

Surface

What is your required operating temperature range?

Wide Temperature
(-40°C/-40°F to 25°C/77°F)

Moderate Temperature
(-15°C/5°F to 40°C/104°F)

High Temperature
(-5°C/23°F to 60°C/140°F)



VULTRIX OGL SYNTHETIC ALL SEASON 680

Is designed for mining shovels, draglines, excavators, and back drills.

Wide operating temperature range enables year-round use at most mines.

Solvent free.

Meets the Caterpillar Global Mining (formerly Bucyrus International) SD 4713 specification.

Meets P&H 464 specification.

VULTRIX OGL SYNTHETIC 2200

For summer use, or year round use in warmer climates.

Solvent free.

Meets the Caterpillar Global Mining (formerly Bucyrus International) SD 4713 specification.

Meets 464 specifications.

VULTRIX OGL HEAVY 6200

Is formulated with a more viscous base oil for the most heavily loaded gears at warmer ambient temperatures.

Solvent free.

Meets the Caterpillar Global Mining (formerly Bucyrus International) SD 4713 specification, including hoist gear lubrication requirement.

Meets P&H 464 specification.

VULTRIX GEAR SHIELD® NC

Is a semi-fluid lubricant designed for the open gear systems found in many types of ore-crushing mills.

Meets requirements of most major mill and gear manufacturers.

SPECIALTY GREASES

ROCK DRILL FLUIDS + DRILLING GREASES

Application	Product	Color	Performance Features	Operating Temperature
Air-operated rock drills	VULTREX Rock Drill EP000		<ul style="list-style-type: none"> Lithium semi-fluid grease specially formulated for mist-free operation when used to lubricate air-operated rock drills and similar mining equipment. Meets the requirements of rock drill manufacturers, such as Ingersoll-Rand, Joy, Parts Headquarters and other manufacturers. 	-20°C/4°F to 100°C/212°F
Diamond drill rods	VULTREX Drill Rod Heavy Grease		<ul style="list-style-type: none"> Barium-complex grease recommended for use on diamond drill rods where it reduces friction between the rod and rock strata. Lubricates successfully to more than 2,000 foot drill depths without wash-off or wipe-off. 	-12°C/10°F to 135°C/275°F

Application	Product	Performance Features
Air-operated rock drills	ARDEE™ Rock Drill Oils	<ul style="list-style-type: none"> Ideal for use in equipment running at high air flow rates and high piston temperatures. Designed for low and high temperature conditions. Meet or surpass major equipment manufacturers' specifications. ISO VG 32 is used for winter conditions. ISO VG 32 is recommended for use in plant air-line lubricators, especially where the air is water laden. ISO VG 46 is an all-season solution for the drilling industry designed to consolidate inventory and provide protection year round. ISO VG 68, 100 and 150 are used in underground mining operations to reduce oil consumption and misting. ISO VG 150 is recommended for Secan drills and in mining operations trying to reduce oil consumption and misting. ISO VG 220 is used in summer in large bore drills (greater than 10 cm/4 inch) in surface mines.

DRILLING COMPOUNDS

Application	Product	Color	Performance Features	Operating Temperature
Lubrication and prevention of galling on casing, tubing and line pipe threads	VULTREX API Modified Thread Compound		<ul style="list-style-type: none"> Designed to protect threads from galling during make-up and break-out. Contains 64% solids (graphite, lead, zinc and copper) and conforms to API Bulletin 5A2 on "Thread Compounds for Casing, Tubing and Line Pipe." 	N/A

SPECIALTY GREASES FOR HIGH TEMPERATURES

Application	Product	Color	Performance Features	Operating Temperature
High temperature applications where the grease does not carbonize. Also where hydrocarbon resistance is necessary.	THERMEX™		<ul style="list-style-type: none"> An NLGI#2 grease formulated with a silica gel thickener and a synthetic base fluid that vaporizes slowly at high temperatures leaving little or no deposit. Regular re-greasing required. 	260°C/500°F+
Rail curves	PRECISION XL RAIL CURVE		<ul style="list-style-type: none"> Rail curve grease is a water-resistant, graphite grease suitable for all-season use in mechanical applicators of trackside lubrication systems (Portec, Lincoln) as well as on-board lubrication systems, such as the Clicomatic system. 	-45°C/-49°F to 120°C/248°F

PERFORMANCE BENEFITS

- PRECISION greases can last up to 3 times longer in performance tests (according to standard test method for Life Performance of Automotive Wheel Bearing Grease ASTM D3527) than leading competitor brands, while providing advanced protection and helping to lower maintenance costs.
- PEERLESS is formulated for the lubrication of loaded bearings, universal joints and chassis operating in very severe wet, dusty and/or dry conditions.
- VULTREX MPG, G-123 and G-124 greases provide excellent lubrication for off-road equipment, resulting in outstanding service life and longer equipment protection.
- VULTREX ROCK DRILL EP000 is designed for mist-free lubrication of rock drills and in-line pneumatic systems.
- VULTREX DRILL ROD HEAVY is specially designed for use on diamond drill rods to reduce friction between the rod and rock strata.

GENERAL MANUFACTURING

Application	Product	Color	Performance Features	Operating Temperature
Dryer felt-roll bearings in paper mills	PRECISION SYNTHETIC HEAVY 460		• Synthetic high temperature long-life EP lithium-complex grease is specially formulated for dryer felt-roll bearings in paper machines.	-30°C/-22°F to 170°C/338°F
Electric motor bearings	PRECISION XL EMB		• Specifically designed for electric motors meeting CGE specification 6298 for class B or F insulation.	-25°C/-13°F to 160°C/320°F
	PRECISION SYNTHETIC EMB		• Recommended for electric motor applications that are exposed to wider temperature range.	-40°C/-40°F to 170°C/338°F
	PEERLESS POLY EMB		• Premium performance, long life multi-application grease formulated to reduce operating costs and provide long service protection over a wide range of operating temperatures.	-30°C to 163°C-22°F to 325°F
	PEERLESS LLG		• Calcium Sulfonate Complex grease for high temperatures and long life applications.	-20°C/-4°F to 200°C/392°F
High-speed flexible couplings	PEERLESS XCG FLEX		• An ideal choice for use in high-speed flexible couplings, where severe centrifugal forces are generated.	-20°C/-4°F to 163°C/325°F
Internal parts of valves used in natural gas plants	PEERLESS SVG 102		• Specially formulated for the lubrication of the internal parts of valves employed in the production and distribution of sour gas in natural gas plants.	-35°C/-31°F to 163°C/325°F
Poorly sealed enclosed gearboxes	PRECISION XL EP000		• Formulated for poorly sealed enclosed gearboxes, e.g. continuous miner.	-25°C/-13°F to 100°C/212°F
Steel mills	PRECISION XL HEAVY-DUTY		• For heavy-duty service applications. Alternative for high load, slow moving applications if low temperature performance is not required.	-10°C/14°F to 160°C/320°F
On-board lubrication systems	PRECISION XL EP00		• Semi-fluid lithium grease designed for on-board lubrication systems. • Handles auto-greasing points on a truck.	-35°C/-31°F to 100°C/212°F
Tough, heavy-duty shock loaded equipment in industrial and off-highway applications.	PEERLESS 3 MOLY 322		• Calcium sulphonate complex grease with 3% molybdenum disulphide that is specifically formatted for truck fifth wheels, chassis and kingpins.	-15°C/5°F to 170°C/338°F

TRUCKS/AUTOMOTIVE

Application	Product	Color	Performance Features	Operating Temperature
Trailer end hub axle bearings	PRECISION SYNTHETIC EP00		• Specially formulated for rear end assemblies on trailers.	-40°C/-40°F to 170°C/338°F
Heavy-duty truck components	VULTREX G-123		• Are red tacky greases designed to lubricate heavy-duty truck components, such as wheel bearings, bushings, kingpins and chassis points found on vehicles operated by the mining, forestry and transportation industries.	-25°C/-13°F to 160°C/320°F
	VULTREX G-124			-20°C/-4°F to 160°C/320°F



A PRODUCT FOR EVERY NEED.

Helping you extend maintenance intervals, prolong the life of your equipment and simplify your lubricant requirements. Because more uptime means more profitability.

Visit lubricants.petro-canada.com to find out more.



PETRO-CANADATM

LUBRICANTS

A HOLLYFRONTIER BUSINESS

INDUSTRIAL GEAR OILS

DOES THE OEM SPECIFICATION RECOMMEND A FULL EP (EXTREME PRESSURE) OIL? NO

YES

Do you need a specialty gear oil?

YES

For wind turbines or wheel motors needing GE approved fluid

Wheel motors

Wind turbines

HARNEX 320 See page 41



ENDURATEX™ SYNTHETIC OHV 680

A premium performance, extreme pressure lubricant.

Formulated using PAO and ester-based technology. This product is a premium performance, extreme pressure lubricant that is capable of withstanding severe load conditions, helping to reduce wear so that component life is maximized.

It is approved by General Electric for the lubrication of both DC and AC motorized wheel gearbox applications in off highway haul trucks.

Also suitable for use in stationary gearbox applications requiring an ISO 680 viscosity grade.



ENDURATEX SYNTHETIC EP

Uses advanced synthetic base oils and additive technologies to deliver reduced friction, excellent low temperature fluidity and outstanding oxidative and thermal stability, which can mean extended fluid and component life.

Available in 150, 220, 320 and 460 grades. ENDURATEX Synthetic EP 150, 220, 320, 460 oils are listed on Flender Gear Units and Geared Motors T7300 Approved Lubricants List and are suitable for use in GE 787/788 drive systems.



ENDURATEX XL SYNTHETIC BLEND

Multigrade EP gear oil designed to eliminate seasonal change-outs.

Recommended for lubricating oil filled pump jack gearboxes and other industrial gearbox applications.

Excellent low temperature properties, which allow it to be used in all but the most extreme conditions.

Available in ISO VG 100 (ENDURATEX XL 68/150) and ISO VG 150 (ENDURATEX XL 68/220).



ENDURATEX EP

Delivers sustained anti-wear extreme pressure protection to industrial gear drives and bearings.

Available in 32, 68, 100, 150, 220, 320, 460, 680 and 1000 grades.

ENDURATEX EP Gear Oils are typically suitable for use in situations requiring DIN 51517 Part 3, ISO 12925 - Type 1 CKC, AGMA 9005-F16, and AIST 224 (formerly US Steel 224) specifications.

NO

Do you need a Flender approved or a full synthetic fluid for exceptional performance?

YES

NO

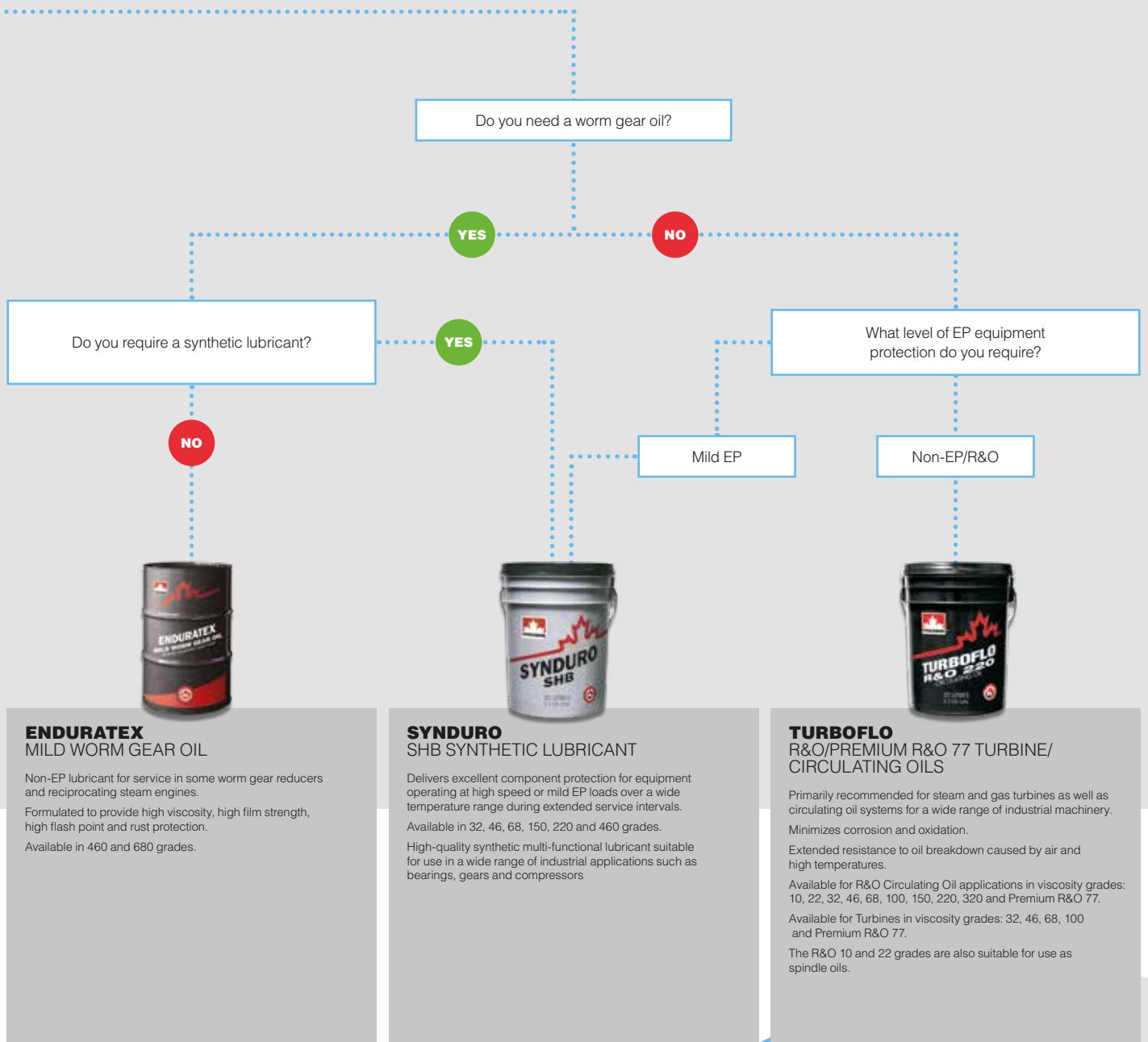
Do you need wide temperature capabilities?

YES

NO

PERFORMANCE BENEFITS

- SYNDURO™ SHB family of synthetic multifunctional fluids is formulated for lubricating air compressors, gears and bearings operating under mild EP loads over wide temperature ranges.
- TURBOFLO™ R&O oils are high quality lubricants designed for use in steam and hydro turbines, as well as circulating oil systems in a wide range of industrial machinery.
- ENDURATEX Synthetic EP gear oils are fully synthetic and specifically designed for enclosed gearboxes operating under very demanding conditions in wide temperature extremes.
- ENDURATEX EP gear oils are high quality, extreme pressure lubricants designed for use in enclosed industrial gear drives operating under normal, heavy or shock loading conditions.
- ENDURATEX OHV (Off-Highway Vehicle) 680 is a premium synthetic extreme pressure lubricant. It is designed to work in demanding temperature conditions and maintain exceptional lubricant film strength.



INDUSTRIAL HYDRAULIC FLUIDS

ARE THE HYDRAULICS USED IN AN ENVIRONMENTALLY SENSITIVE OR FOOD GRADE AREA?

NO

Neither Food Grade nor Environmentally sensitive with requirement for zinc-free

Is a fluid delivering reduced energy consumption and/or an all-season operating temperature range desired?

YES

NO

Do you operate your hydraulics in a wide range of temperatures??

NO

YES



HYDREX AW

HYDREX AW is recommended for heavy-duty hydraulic applications requiring outstanding wear protection.

HYDREX AW fluids have both excellent thermal stability and oxidation life, which could extend intervals between change-outs and excellent protection against corrosion and varnish.

Available in grades 22, 32, 46, 68, 80 and 100.



HYDREX MV

HYDREX MV is recommended for heavy-duty hydraulic applications operating at high pressures and in wide temperature range conditions.

They are ideally suited for piston, gear and vane pumps found on industrial machinery and mobile equipment.

These fluids offer minimal fluid friction at low start-up temperatures and excellent protection at high operating temperatures.

Available in grades 22, 32, 46 and 68.

Energy efficiencies could be realized.



HYDREX XV ALL SEASON

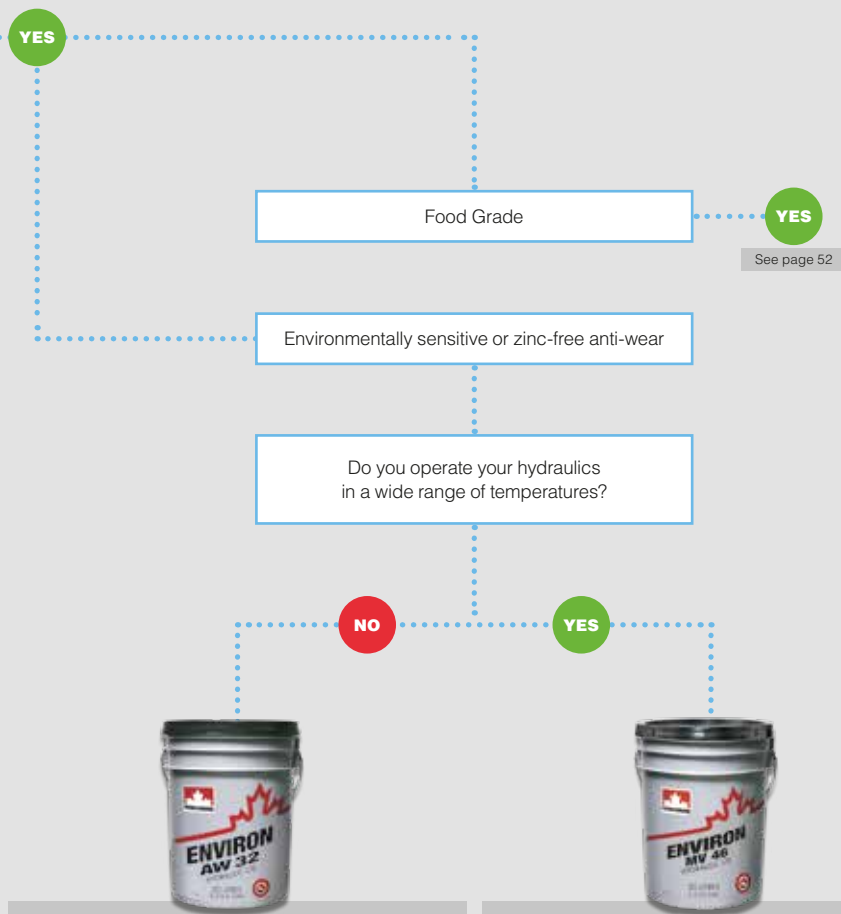
HYDREX XV All Season performs in industrial machinery that has to be started at temperatures as low as -34°C/-29°F and performs equally well at temperatures as high as 90°C/194°F.

HYDREX XV All Season performs exceedingly well in a wide range of industrial machinery and mobile equipment used in such industries as forestry, construction, mining, public utility and marine operations.

Energy efficiencies could be realized.

PERFORMANCE BENEFITS

- HYDREX AW are premium performance, long-life anti-wear hydraulic fluids.
- HYDREX MV fluids are designed for use in wide temperature ranges.
- HYDREX XV All Season is recommended for year-round use in equipment that must perform in both low and high temperature ranges. Potential energy efficiencies could be realized with this product versus monograde products.
- ENVIRON AW monograde hydraulic fluids are designed for use in equipment used primarily in environmentally sensitive areas.
- ENVIRON MV fluids are designed for year-round use in equipment operating in wide temperature ranges, particularly in environmentally sensitive areas.
- Please refer to the Tech Data sheets for a complete listing of the OEM approvals for HYDREX and ENVIRON.



ENVIRON AW

ENVIRON AW is free of heavy metals (zinc-free), is non-toxic, inherently biodegradable (according to OECD 301B protocols) and recyclable.

It is formulated to provide outstanding anti-wear protection to extend equipment life.

Exceptional oxidation stability provides long oil life for fewer change-outs and minimizes sludge and varnish deposits.

Available in grades 32, 46 and 68.

ENVIRON MV

ENVIRON MV is free of heavy metals (zinc-free), is non-toxic, inherently biodegradable (according to OECD 301B protocols) and recyclable.

Formulated for both indoor and outdoor seasonal use.

Its formulation provides outstanding anti-wear protection to extend equipment life.

Exceptional oxidation stability means long oil life for fewer change-outs and minimizes sludge and varnish deposits.

Energy efficiencies could be realized.

Available in grades 32 and 46.

OTHER PRODUCTS

Specialty Hydraulics	Application
HYDREX Extreme	<ul style="list-style-type: none"> • Designed for extremely wide temperature protection for high and severe low temperatures. For industrial machinery, the recommended operating temperature range is -35°C/-31°F to 68°C/154°F. • Oxidation stability helps extend drains and reduces sludge build-up and varnish deposits. • It is free of heavy metals, zinc-free and inherently biodegradable according to OECD 301B protocols and recommended for vane, gear and axial piston hydraulic pumps used in marine, forestry, mining and other hydraulic systems. • HYDREX Extreme is suitable for use in Liebherr Cranes.
HYDREX MV Arctic 15	<ul style="list-style-type: none"> • Premium, high performance fluid designed for extremely cold temperature operations. • Readily biodegradable according to OECD 301B and recommended for use in arctic climates, allowing hydraulic systems to start at temperatures as low as -50°C/-58°F under no load conditions.
HYDREX DT 46	<ul style="list-style-type: none"> • Special anti-wear detergent/dispersant hydraulic fluid containing the same anti-oxidant chemistry as HYDREX AW. • For use in systems prone to contamination.

TURBINE FLUIDS & WIND TURBINE GEAR OIL

TURBINE FLUIDS

Is your equipment a heavy-duty steam, hydraulic or gas turbine?

YES

Does your heavy-duty turbine have a common gear and bearing lubrication system?

NO

TURBOFLO™ EP

Premium turbine fluid designed to provide exceptional anti-wear protection of geared heavy-duty turbines with common gear and bearing lubrication systems.

Delivers excellent lubrication to bearings operating in severe conditions.

Excellent oxidation stability provides extended drain capabilities even in extreme conditions.

Single fluid for steam and gas turbines in both geared and non-geared applications.

Available in viscosity grades: 32 and 46.

Credentials

- TURBOFLO EP fluids are suitable for use in steam and gas turbines requiring the following major manufacturer and industry specifications:
 - General Electric (GEK 101941A, GEK 32568K, GEK 46506E, GEK 28143A) (ISO 32 Only).
 - Siemens TLV 9013 04 (EP).
 - Siemens TLV 9013 05 (EP).
 - Solar ES 9-224Y.
 - Alstom HTGD 90 117.
 - DIN 51515 part 1 and 2.
 - ASTM D4304 Type II and III (EP).
 - JIS K 2213 type 2.
 - Voith Variable Speed Drives.

TURBOFLO XL

Premium turbine fluid designed to lubricate and cool heavy-duty steam, hydraulic and gas turbines and deliver excellent lubrication to bearings operating in severe conditions.

Excellent oxidation and thermal stability provides extended drain capabilities even in extreme conditions.

Extremely rapid air and gas separation.

Exceptional resistance to fluid breakdown caused by air and high temperatures.

Available in viscosity grades: 32, 46 and 68.

Credentials

- TURBOFLO XL fluids are suitable for use in steam and gas turbines requiring the following manufacturer and industry specifications:
 - General Electric GEK 32568K & GEK 46506E (ISO 32 Only).
 - Siemens TLV 9013 04 (non EP) (ISO 32 and 46 only).
 - Siemens TLV 9013 05 (non EP) (ISO 32 and 46 only).
 - Solar ES 9-224Y (ISO 32 and 46 only).
 - Alstom HTGD 90 117.
 - DIN 51515 part 1 and 2.
 - ASTM D4304 Type I and III.
 - JIS K 2213 type 2.

TURBOFLO LV

Designed to lubricate and cool steam, gas and combined-cycle turbines and deliver excellent lubrication to bearings operating in severe conditions.

Industry leading resistance to varnish and sludge formation to help prevent the deposition of varnish on critical surfaces.

Exceptional resistance to fluid breakdown caused by air and high temperatures.

Available in viscosity grades: 32 and 46.

Credentials

- TURBOFLO LV fluids are suitable for use in steam, gas and combined-cycle turbines requiring the following manufacturer and industry specifications:
 - ASTM D4304 Type I and III
 - DIN 51515 PART 1, 2.
 - DIN 51524 PART 1.
 - ISO 11158 HH, HL.
 - ISO 808 TSA, TGA, TGB and TGSB.
 - British Standard BS 489.
 - General Electric (GEK32568K) (ISO 32 Only).
 - Siemens TLV 9013 04 (non EP).
 - Siemens TLV 9013 05 (non EP).
 - ALSTOM HTGD 90 117.
 - Solar ES 9-224Y.

PERFORMANCE BENEFITS

- The TURBOFLO™ line of turbine and R&O fluids deliver excellent lubrication and cooling to steam, hydraulic and gas turbines and perform well as general purpose circulating oils in various industrial applications. They all exhibit excellent thermal and oxidative stability as well as excellent air and water separability.
- HARNEX™ 320 provides exceptional anti-wear/EP performance.
- TURBONYCOIL™ 600 provides excellent performance for land-based aeroderivative gas turbines which require a lubricant qualified against U.S. Military Specification MIL-PRF-23699G Standard (Non-Corrosion Inhibiting) Classification.

Do you require a land based aeroderivative turbine oil?

Do you require a wind turbine gear oil?

TURBOFLO R&O, PREMIUM R&O 77

Primarily recommended for steam and gas turbines as well as circulating oil systems for a wide range of industrial machinery. Minimizes corrosion and oxidation.

Extended resistance to oil breakdown caused by air and high temperatures.

Available for R&O circulating oil applications in viscosity grades: 10, 22, 32, 46, 68, 100, 150, 220, 320, 460 and Premium R&O 77.

Available for turbines in viscosity grades: 32, 46, 68, 100 and Premium R&O 77.

The R&O 10 and 22 grades are also suitable for use as spindle oils.

Credentials

- TURBOFLO R&O Oils 32, 46, 68 and Premium R&O 77 are suitable for use in various turbines requiring the following manufacturer and industry specifications:
 - General Electric (GEK 46506E).
 - Siemens TLV 9013 04.
 - Alstom HTGD 90 117
 - Solar ES 9-224Y.
 - ASTM D4304 Type I.
 - JIS K 2213 Type 2.
- Premium R&O 77 meets National Defence Standard C-82-001-000/SF-001, Naval Steam Turbine and Main Gearing Lubrication Oil.

TURBONYCOIL 600

TURBONYCOIL 600 is specially designed to effectively lubricate land-based aeroderivative gas turbines operating under extreme conditions.

Is based on polyol esters with high thermal stability and fortified with anti-oxidant, anti-wear and anti-corrosion additives.

Offers lower volatility and higher flash point than many competitive fluids.

Excellent operation in extreme hot and cold environments.

Does not contain additives with Tri-Cresyl Phosphate (TCP) which contains recognized neurotoxin properties.

Credentials

- Approved by:
 - CFM International.
 - Turbomeca.
 - Pratt & Whitney Canada.
 - Rolls Royce/Allison.
 - Hamilton/Sundstrand/APIC.
 - General Electric.
 - Motor Sich.
- Meets following specifications:
 - Joint Service OX-27/OX-28.
 - NATO Code O-156.
 - DEF STAN 91-101 Iss.3, Amd. 1.
 - MIL - PRF-23699 G Class STD.
 - SAE AS5780 Class SPC.

HARNEX 320

Designed using polyalphaolefin (PAO) chemistry that delivers good oil film thickness over a broad temperature range.

Withstands oxidative and thermal breakdown at elevated temperatures.

Effective water separation.

Excellent low temperature fluidity ensures smooth cold temperature operation.

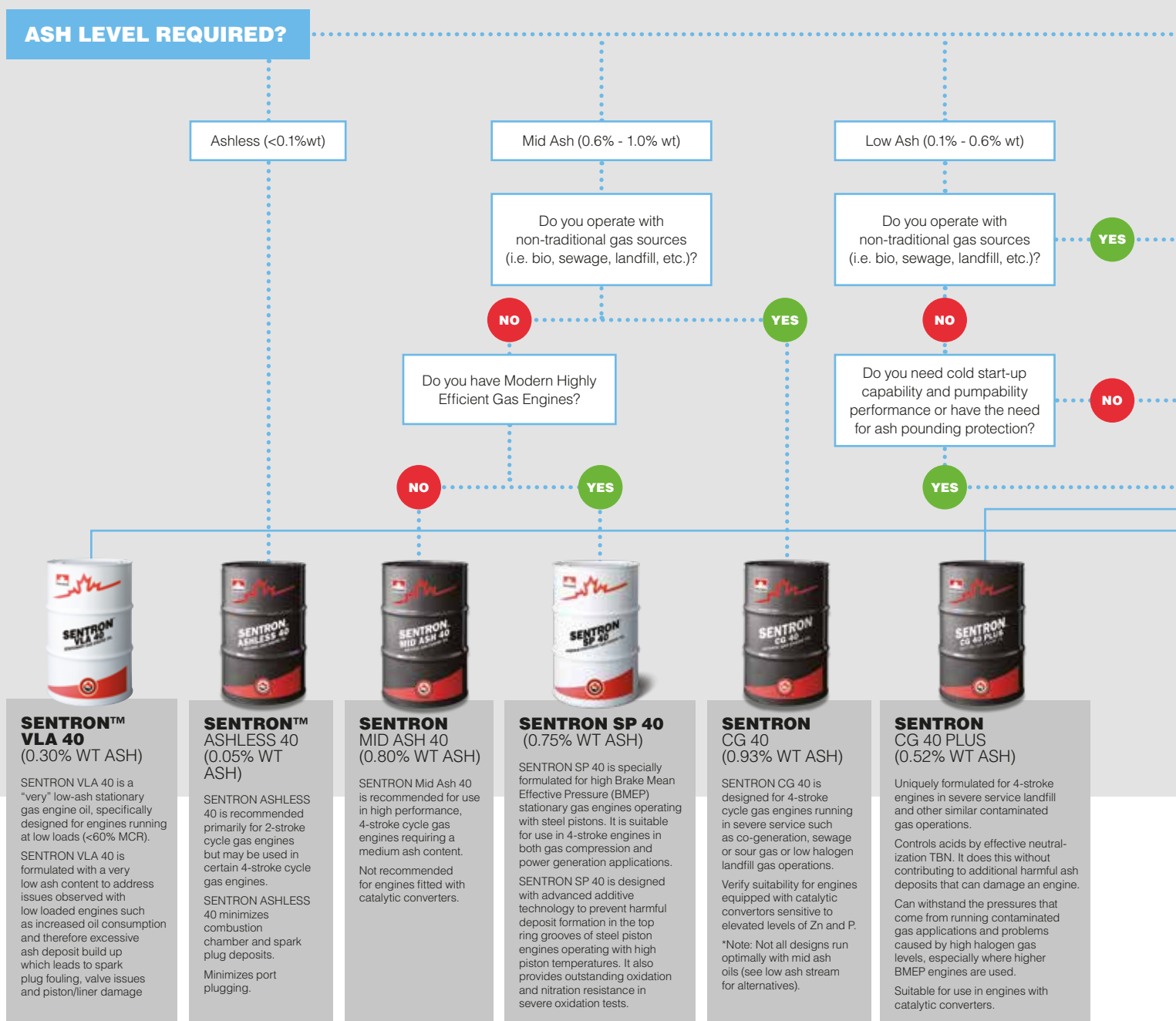
Protects against micro-pitting & scuffing of gear teeth.

Protects against rust and corrosion.

Credentials

- Meets following specifications:
 - AGMA 9005-F16.
 - DIN 51517-3 (CLP 320).
 - ISO 12925-1 Type CKD
 - Approved by GE as a service refill oil for the following GE wind turbines, with Winergy gearboxes (Platform 1.x, 2.x)
 - Approved for use in Moventas wind turbine gearboxes
- HARNEX 320 meets the technical requirements of Shanghai Electric, and is approved for use in any gear box on a Shanghai Electric wind turbine. Please contact a Petro-Canada Lubricants Technical Services Advisor for additional information.

STATIONARY GAS ENGINE OILS



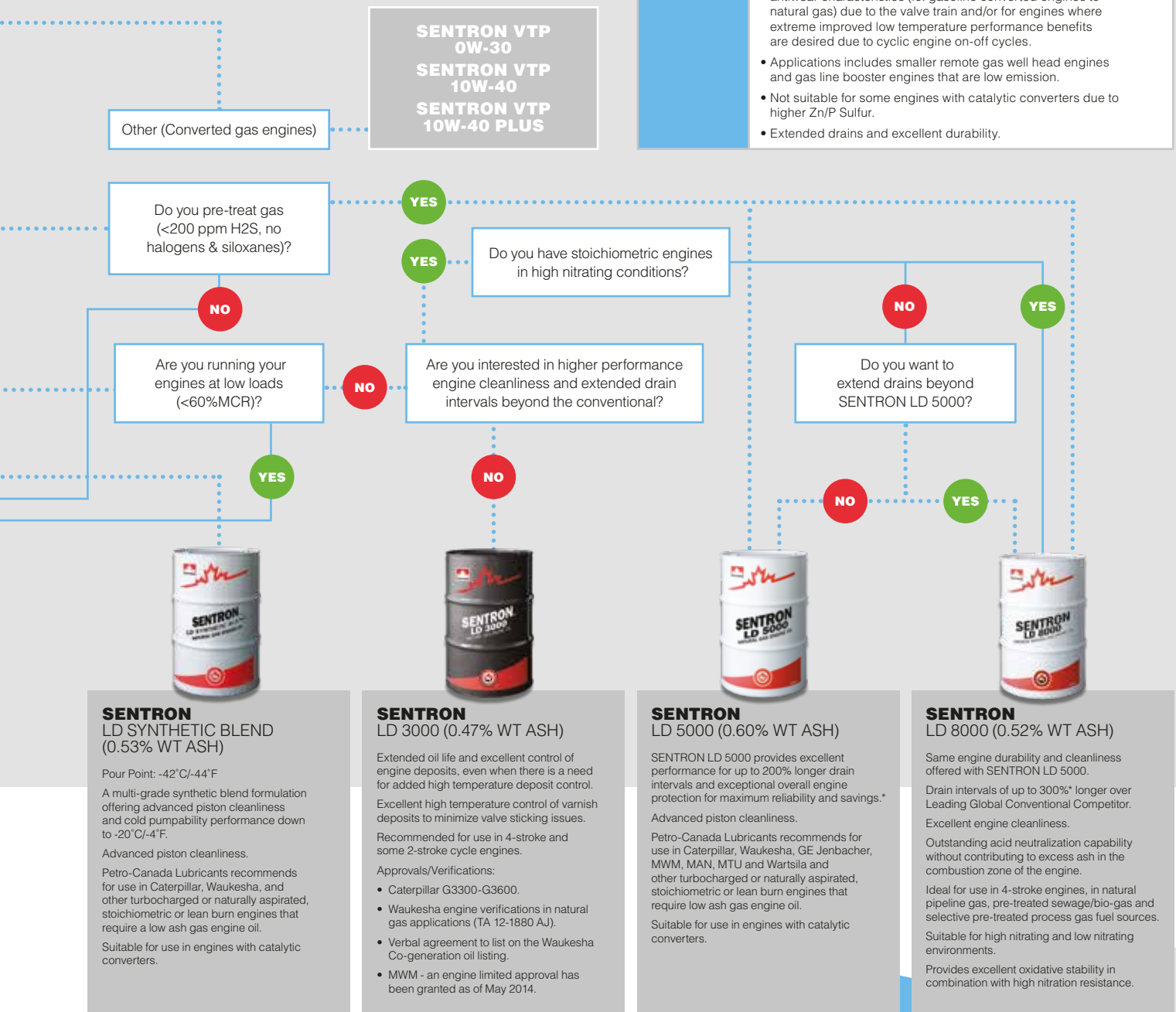
*Performance results may vary due to factors such as, but not limited to, engine optimization, load, fuel gas quality, proper maintenance, type of engine and application.

PERFORMANCE BENEFITS

- SENTRON™ Stationary Gas Engine Oils are premium performance, long-life engine oils for stationary gas engines and compressors in a wide variety of applications.
- SENTRON LD 8000's extended drain intervals can mean lower maintenance costs, less used oil to dispose of and a more efficient and profitable operation.
- Outstanding anti-wear protection prevents scoring of cylinder liners and piston ring wear, while reducing carbon build-up.

OTHER PRODUCTS

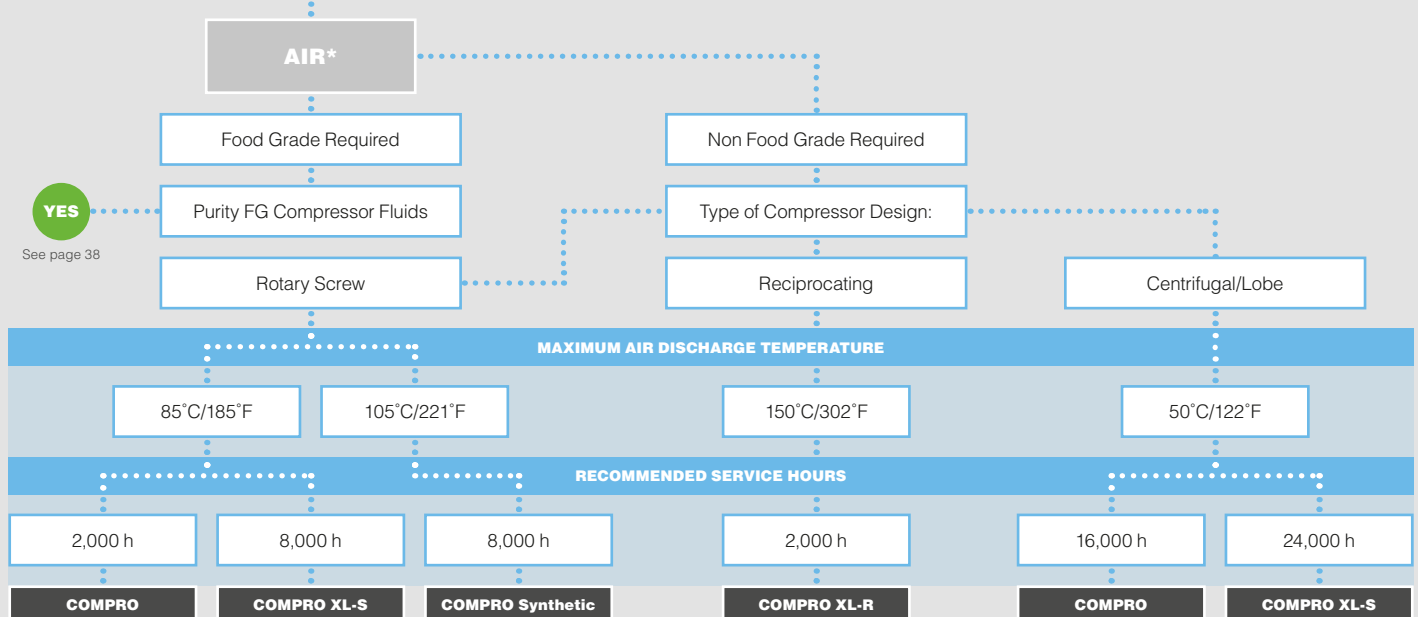
Product	Application
SENTRON VTP 10W-40	<ul style="list-style-type: none"> • 0.59% wt ash. • Recommended for use in gas fueled engines in oil and gas extraction and agricultural irrigation that require high zinc for improved valve train wear. • Excellent anti-wear properties for engines with sliding cam followers. • Minimizes combustion chamber and spark plug deposits. • Not recommended for certain engines fitted with catalytic converters; especially if catalyst is sensitive to elevated Zinc and Phosphorous versus conventional SGEO Zn and P levels.
SENTRON VTP 0W-30	<ul style="list-style-type: none"> • 0.58% wt ash. • All the features of SENTRON VTP 0W-30 formulated for use in cold climates. • Ideal for extreme cold starts/cold flow pumpability (<-35°C/<-31°F). • Not recommended for certain engines fitted with catalytic converters; especially if catalyst is sensitive to elevated Zinc and Phosphorous versus conventional SGEO Zn and P levels.
SENTRON VTP 10W-40 PLUS	<ul style="list-style-type: none"> • 0.68% wt ash. • Designed for stationary gas applications that need additional antiwear characteristics (ie. gasoline converted engines to natural gas) due to the valve train and/or for engines where extreme improved low temperature performance benefits are desired due to cyclic engine on-off cycles. • Applications includes smaller remote gas well head engines and gas line booster engines that are low emission. • Not suitable for some engines with catalytic converters due to higher Zn/P Sulfur. • Extended drains and excellent durability.



*In Caterpillar G3500TALE engines running in gas compression, with >90% loads and pipeline quality fuel.

COMPRESSOR FLUIDS

WHAT TYPE OF GAS IS BEING COMPRESSED?



YES
See page 38



COMPRO

COMPRO provides stronger resistance to oxidation breakdown than leading mineral oil based fluids. Available in grades 32 and 68.



COMPRO SYNTHETIC

COMPRO Synthetic is specifically designed for compressors operating at very high or lower temperatures or in severe service applications.

Formulated from a custom blend of polyalkylene glycol (PAG) and ester fluids, combined with an effective inhibitor package.

Optimum viscosity grade for rotary screw air compressors is ISO VG 32. Reference Tech Bulletin TB-1217.



COMPRO XL-R

COMPRO XL-R is specifically designed for lubrication and cooling of both single and multi-stage reciprocating air compressors.

Particularly effective in systems operating at high discharge temperatures. Available in 68 grade.



COMPRO XL-S


COMPRO XL-S resists oxidation breakdown better than some leading synthetic PAO based fluids.

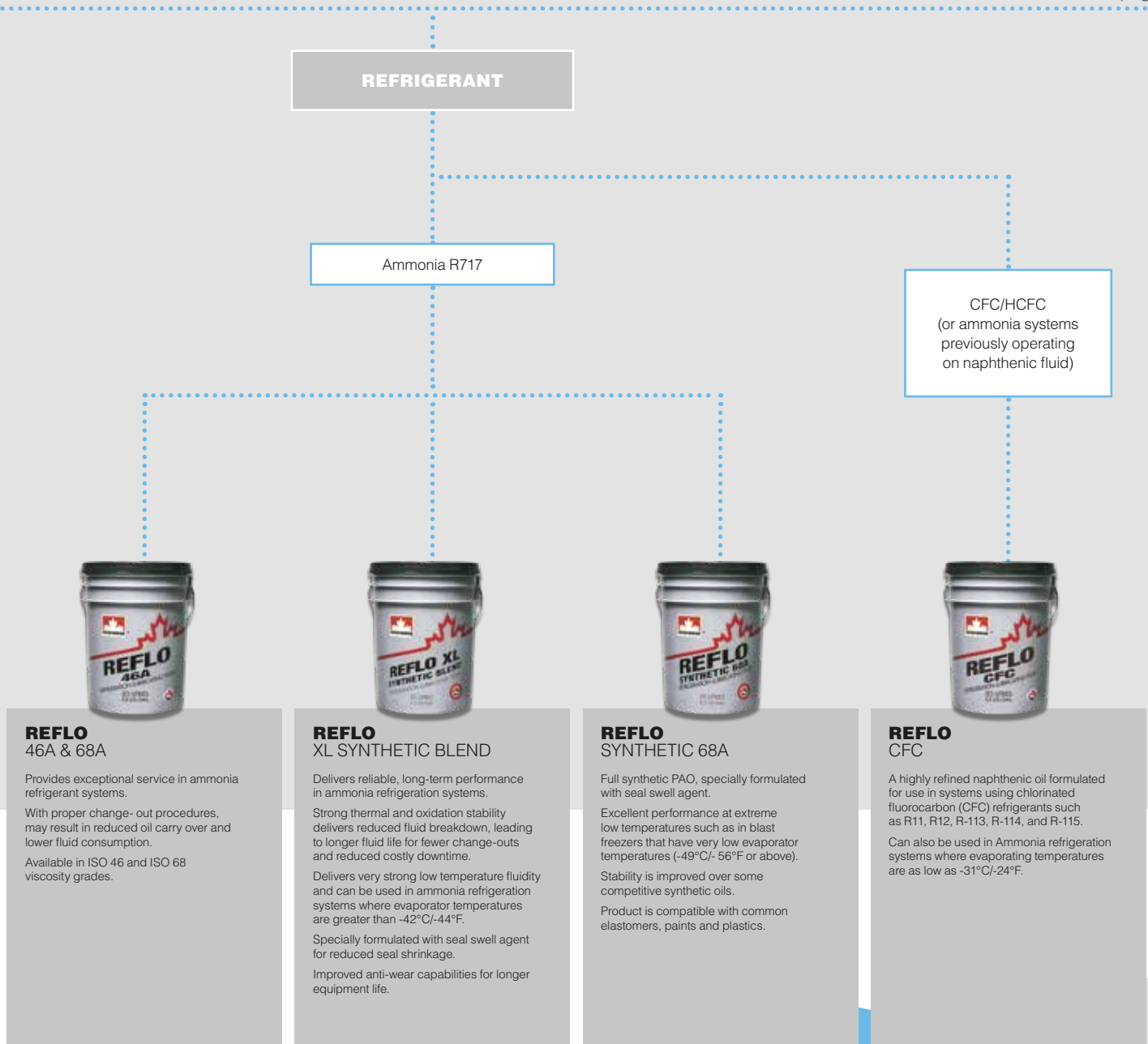
Provides up to 8,000 hours of continuous service in rotary screw compressors. Available in grades 32, 46, 68, 100 and 150.

*We can not do compressors for breathing air.

PERFORMANCE BENEFITS

- COMPRO™ Air Compressor Fluids provide long and highly reliable service life.
- COMPRESSOR OILS RP 268 and RP 460 provide excellent high temperature stability, good lubricity and wear protection.
- REFLO™ refrigeration compressor oils ensure optimum performance in commercial refrigeration compressor systems.
- SPX 5000, 7000, 7100 and 7220 Compressor Oils provide excellent lubrication and cooling for reciprocating and rotary screw compressors.
- NGS SYNTHETIC BLEND Compressor Fluids are unique formulations specially designed for flooded screw compressors handling the lightest hydrocarbon gases.
- NG CompOil AW 150 and 220 provide a non-detergent compressor fluid formulation with excellent water-separation properties.
- NG Screw CompOil 100 and 150 provide excellent performance and protection from corrosion in harsh natural gas streams.
- NG CompOil PAO 150 provides excellent water separation characteristics and corrosion protection.
- Consult a Technical Services Advisor to confirm the correct lubricant application.

See next page 



HYDROCARBON GASES (NATURAL GAS)

Reciprocating Compressors

Force Feed Cylinder
Lube Systems

Low pressure, light sweet
Natural Gas Service

Sweet/Sour
Hydrocarbon Gases



NG COMPOIL AW

Designed for use in both the frame and cylinders / packings of reciprocating compressors, these products are intended for sweet, mostly light natural gas service at discharge pressures < 2000 psig.

These fluids can also be used in the crankcase frame where an R&O type fluid is recommended by the OEM.

Non-detergent formulation with excellent water separation properties.

Available in ISO 150 and 220 viscosity grades.



SPX 7220

Recommended for compression of heavy hydrocarbon and water contaminated natural gas streams, as well as the compression of dry Natural gas with CO₂ and H₂S.

Polyglycol synthetic lubricants provide a much lower gas solubility than standard mineral oils, which reduces viscosity dilution and greatly improves the separation of lubricant from the process gas.

Available in ISO 220 grade.



SPX 7000

Recommended for compression of select hydrocarbon mixtures, sour natural gas and acid gas; use in gas re-injection service.

Polyglycol synthetic lubricants provide a much lower gas solubility than standard mineral oils, which reduces viscosity dilution and greatly improves the separation of lubricant from the process gas.

Available in ISO 150 grade.



COMPRESSOR OIL RP 268

Recommended for use in compressing sour, wet or contaminated natural gas.

Provides excellent high-temperature stability.

Very good lubricity and wear protection.

Minimizes deposit formation.



COMPRESSOR OIL RP 460

Recommended for use in compressing sour, wet or contaminated natural gas.

Suited for use in higher-pressure applications.

Provides excellent high-temperature stability.

Very good lubricity and wear protection.

Minimizes deposit formation.

Rotary Screw Compressors

Compression of
"Light Sweet" Hydrocarbon
Gases, and Propane
in refrigeration service

Compression of
"Light Sweet" and "Light Sour"
Hydrocarbon Gases



SPX 5000

Suitable for the compression of propane in refrigeration service.

Effective lubrication of cylinders and packings in Mycom reciprocating refrigeration compressor.

Recommended for compression of light sweet hydrocarbon gas mixtures.

Available in ISO 150 grade.



SPX 7100 AND 7000

Recommended for compression of select hydrocarbon mixtures, sour natural gas and acid gas; use in gas re-injection service.

Polyglycol synthetic lubricants provide a much lower gas solubility than standard mineral oils, which reduces viscosity dilution and greatly improves the separation of lubricant from the process gas.

Available in ISO 100 and ISO 150 grades.



**NG COMPOIL
PAO 150**

Premium synthetic compressor fluid recommended for compression of the lightest hydrocarbon gases (methane and ethane) where the expected dilution is <10 wt%, and discharge temperatures are elevated (>99 °C / 210 °F), as well as compression of sour natural gas streams and natural gas with high CO₂ content.

Excellent water separation characteristics and corrosion protection.

Can be used in reciprocating compressors under select conditions.

Available in ISO 150 viscosity grade.



**NG SCREW
COMPOIL**

Designed for use in flooded screw compressors in natural gas production and service. The additive system is compatible with sour (H₂S) hydrocarbon gas systems.

Recommended for compression of the lightest hydrocarbon gases (methane and ethane) where the expected dilution is <10 wt%, and discharge temperatures are moderate (<99 °C / 210 °F).

Excellent performance and protection from corrosion in harsh natural gas streams.

Available in ISO 100 and ISO 150 viscosity grades.



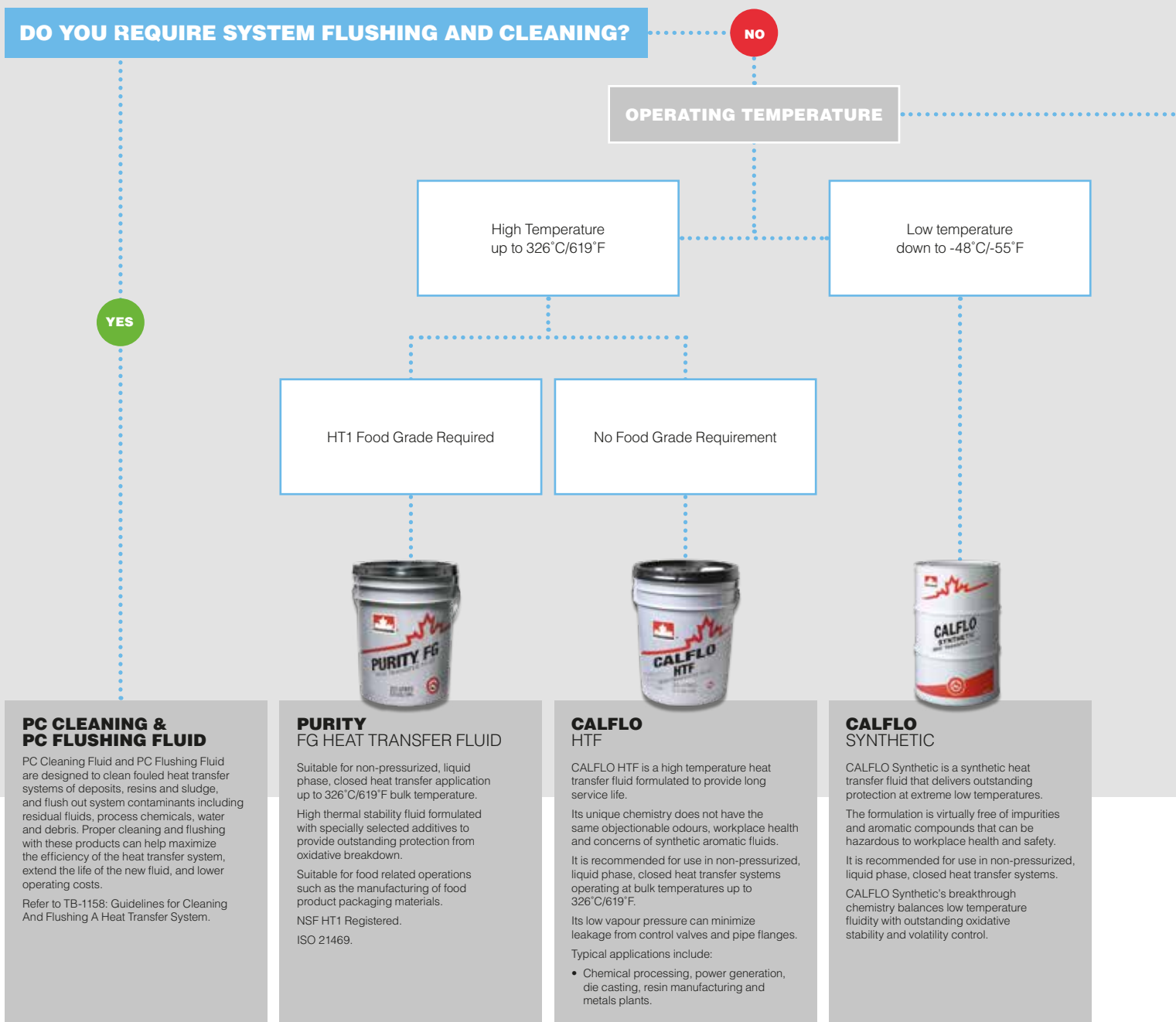
**NGS
SYNTHETIC BLEND
COMPRESSOR FLUIDS**

Recommended for Compression of the lightest hydrocarbon gases (methane and ethane) where the expected dilution is <10% wt.

A blended combination of hydrotreated (HT) and polyalphaolefin (PAO) base fluids, fortified with corrosion inhibitors, lubricity improvers and antifoam additives.

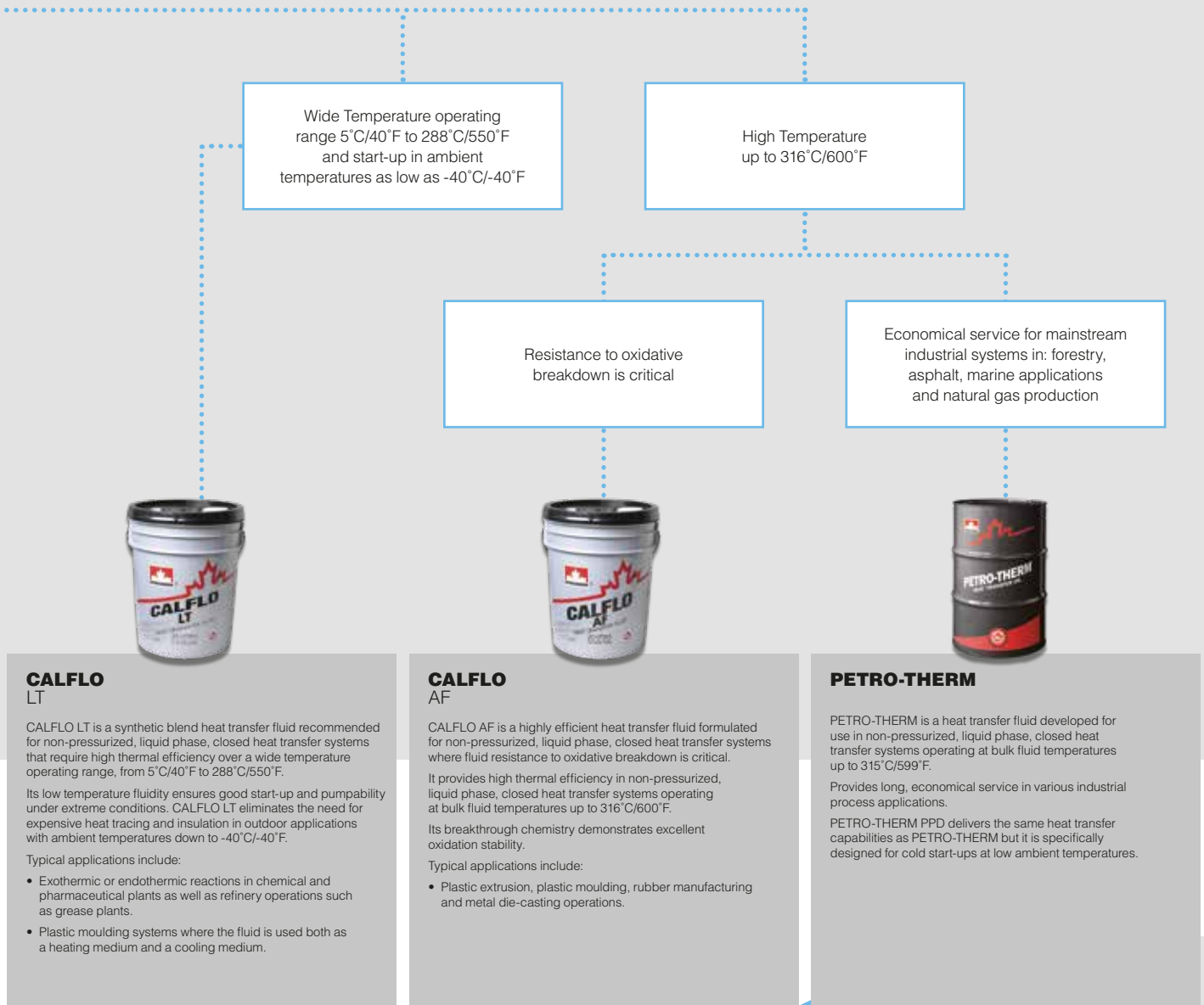
Available in an ISO 100 grade and ISO 150 grade.

HEAT TRANSFER FLUIDS



PERFORMANCE BENEFITS

- CALFLO™ HTF is a premium high temperature heat transfer fluid recommended for systems operating with bulk temperatures up to 326°C/619°F.
- CALFLO AF is a highly efficient heat transfer fluid recommended for systems requiring a greater resistance to oxidation operating with bulk temperatures up to 316°C/600°F.
- CALFLO LT is a synthetic blend heat transfer fluid made with PAO and severely hydrocracked mineral oil. Suitable over a wide temperature operating range from 5°C/40°F to 288°C/550°F. Excellent low temperature pumpability allows cold start-up in ambient temperatures as low as -40°C/-40°F.
- CALFLO Synthetic is a synthetic heat transfer fluid that balances low temperature fluidity with outstanding oxidative stability and volatility control at extreme low temperatures down to -48°C/-55°F.
- PURITY™ FG Heat Transfer Fluid is a food grade, HT-1 registered heat transfer fluid for the food processing industry with systems operating at bulk temperatures up to 326°C/619°F.
- PETRO-THERM™ is a heat transfer fluid developed for use in non-pressurized, liquid phase, closed heat transfer systems operating at bulk fluid temperatures up to 315°C/599°F.
- PETRO-THERM PPD delivers the same heat transfer capabilities as PETRO-THERM™ but it is specifically designed for cold start-ups at low ambient temperatures.





FOOD GRADE LUBRICANTS **PURITY YOU CAN COUNT ON.**

Specially formulated to deliver long life and excellent wear protection in food processing applications for fewer production disruptions and higher productivity.

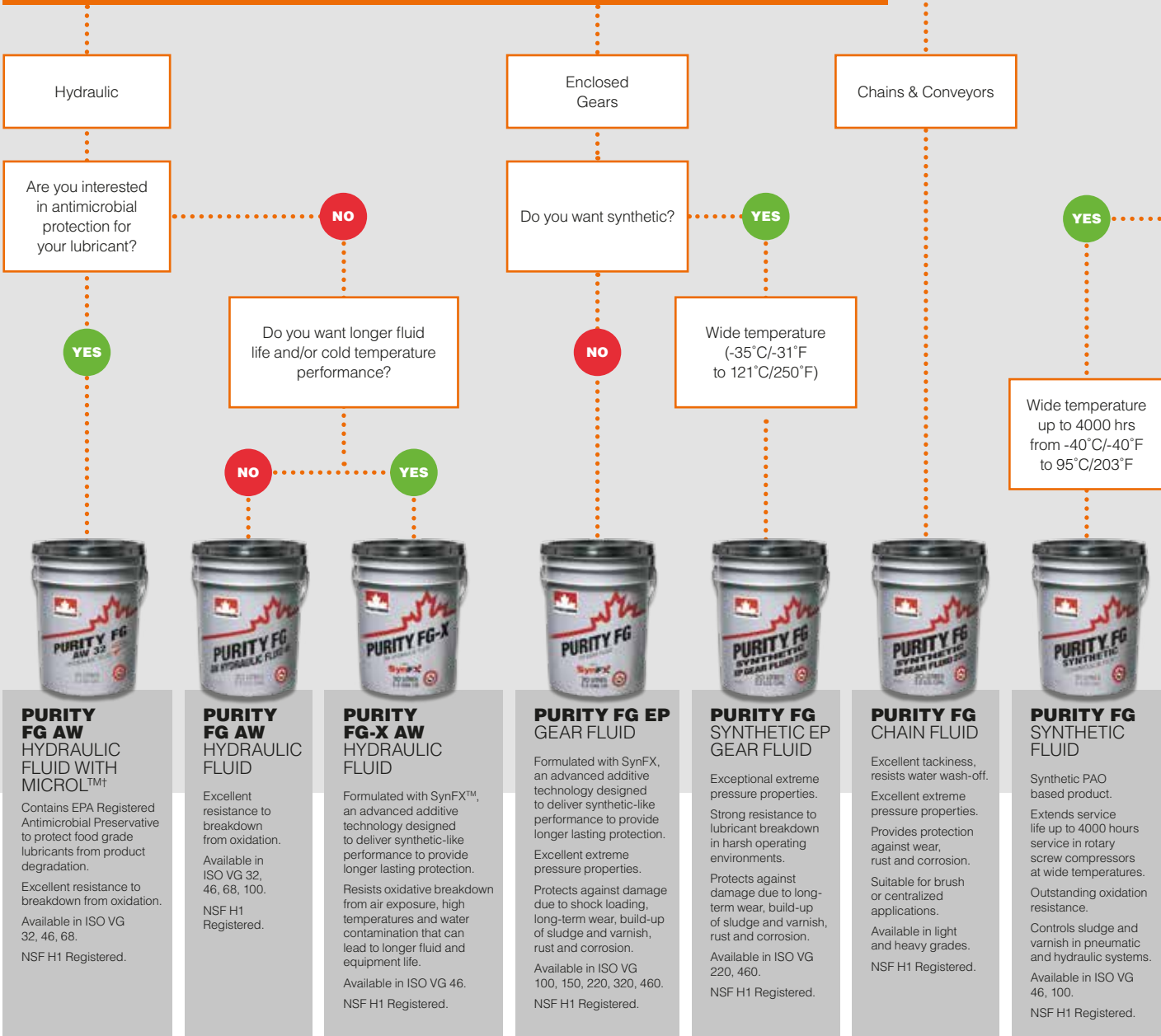
Visit lubricants.petro-canada.com to find out more.



A HOLLYFRONTIER BUSINESS

FOOD GRADE LUBRICANTS

IN WHICH APPLICATION DO YOU REQUIRE A FOOD GRADE LUBRICANT?



MICROL™ and MICROL™ MAX are antimicrobial product preservatives.







PERFORMANCE BENEFITS

- PURITY FG lubricants are NSF registered for incidental food contact, acceptable for use in food processing facilities, and have Kosher Pareve and Halal certifications or permitted in Kosher food processing plants.
- PURITY FG lubricants are a perfect fit for Hazard Analysis and Critical Control Point (HACCP) and Good Manufacturing Practice (GMP) plans.
- Provides industrial strength lubricant protection in food processing operations throughout the plant, even in the most severe applications.
- Specially formulated to deliver long life and excellent wear protection in food processing applications for fewer production disruptions and higher productivity.
- Majority of products are certified ISO 21469.
- For a complete list of food industry registrations and credentials contact your local Petro-Canada Lubricants Representative.

Do you want a synthetic?

NO

Moderate temperature up to 4000 hrs @ 85°C/185°F

Compressors & Vacuum Pumps	Hooks & Trolleys	Seamer Fluid	Heat Transfer System	Release Agent & Wipe Down Oil	Mechanical Seals
 <p>PURITY FG COMPRESSOR FLUID</p> <p>Formulated with SynFX, an advanced additive technology designed to deliver synthetic-like performance to provide longer lasting protection. Outstanding oxidation resistance. 4000 hour service in rotary screw compressors, and service per OEM guidelines in vane compressors. Provides protection against rust and corrosion. Available in ISO VG 32, 46, 68, 100. NSF H1 Registered.</p>	 <p>PURITY FG TROLLEY FLUID</p> <p>Outstanding resistance to wear and corrosion and protects against oil drips. Excellent oxidation stability. NSF H1 Registered.</p>	 <p>PURITY FG SEAMER-E FLUID</p> <p>Emulsifying formula for use in high-speed continuous lubrication seaming units where contamination of the oil with water and sugar may occur. Designed to lubricate the main turrets, bearings, chains and gears for smooth and effective equipment performance. NSF H1 Registered.</p>	 <p>PURITY FG HEAT TRANSFER FLUID</p> <p>Suitable for liquid phase applications up to 326°C /619°F bulk temperature. High thermal stability fluid formulated with specially selected additives to provide outstanding protection from oxidative breakdown. Suitable for food related operations such as the manufacturing of food product packaging materials. NSF H1 Registered.</p>	 <p>PURITY FG WO WHITE MINERAL OIL</p> <p>Ultra pure food grade white mineral oil for food processing and agricultural industries. Available in the following grades: 10, 15, 35, 40, 68, 90. Odourless, tasteless and colourless. NSF H1, 3H Registered.</p>	 <p>PURITY FG SYNTHETIC BARRIER FLUID</p> <p>Advanced food grade barrier fluids formulated to deliver exceptional performance, by resisting degradation and deposit formation, and are also suitable for service in non-food grade industrial applications. Available in the following grades: 5 and 32. NSF H1 registered. All components comply with FDA 21 CFR 178.3570 Lubricants with incidental food contact. Certified Kosher Pareve by STAR-K. Certified Halal by IFANCA. Easily integrated into HACCP (Hazard Analysis and Critical Control Point) plans and GMP (Good Manufacturing Practice) programs.</p>

FOOD GRADE LUBRICANTS

DO YOU REQUIRE A FOOD GRADE GREASE OR SPRAY LUBRICANT?

SPRAY LUBRICANT

Multi-application Spray

Extreme Temperature
-40°C/-40°F to
200°C/392°F

Normal
Operating Temperature
-20°C/-4°F to 160°C/320°F

Does your equipment
operate with low
speed, heavy loads?

NO

YES



PURITY FG SILICONE SPRAY

Forms non-hardening film to provide moisture resistance and help prevent corrosion around heavy water wash-up areas.

Can be used in many metal to non-metal applications.

Unique spray valve allows the product to be sprayed even when the can is held upside down to deliver lubricant protection in any direction.

NSF H1 Registered.



PURITY FG PENETRATING OIL SPRAY

General purpose penetrating oil that can be used to help loosen rust and scale around fasteners to ease the disassembly of equipment and fittings.

Silicone free formula to allow for easy clean up on treated surfaces to be repainted.

Unique spray valve allows the product to be sprayed even when the can is held upside down to deliver lubricant protection in any direction.

NSF H1 Registered.



PURITY FG SYNTHETIC

Formulated with tackifiers to stay in place and resist water wash-off.

High load carrying and anti-wear properties.

Convenient method to lubricate chains, rails and guides, small bearings, gears and other general mechanical parts.

NSF H1 Registered.



PURITY FG2 EXTREME

Calcium Sulphonate/Carbonate Complex.

Higher load carrying capability, excellent protection against wear.

Strong resistance to lubricant breakdown and water washout.

Effective across a wider range of temperature extremes.

NSF H1 Registered.



PURITY FG2 NORMAL

High viscosity, Semi Synthetic, Aluminum Complex thickener.

Greater protection of gears, bearings and equipment when operating from low to medium speed with heavy loads.

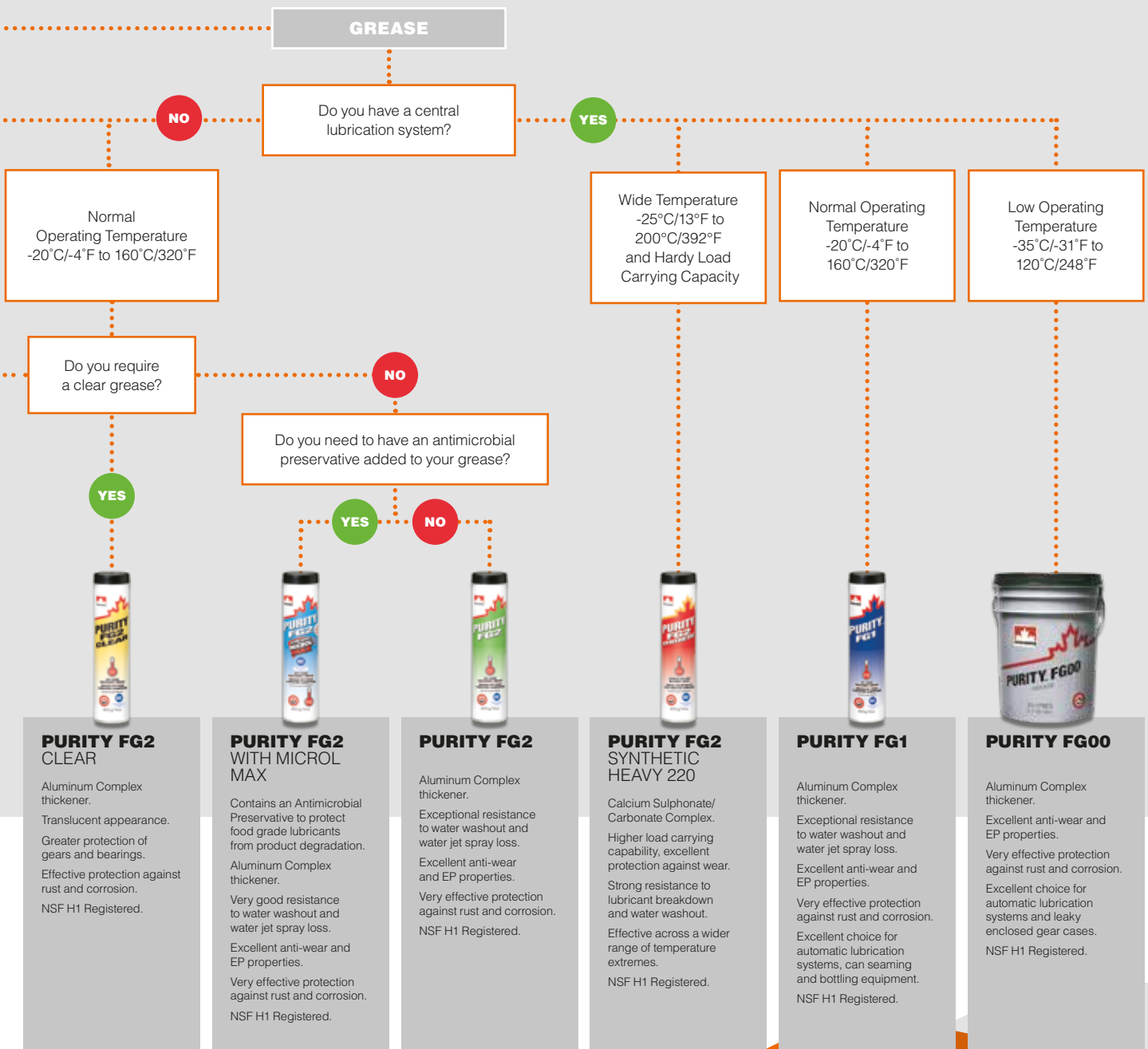
Effective protection in applications subjected to high temperature, high pressure, and heavy loads such as animal feed pellet mills.

NSF H1 Registered.

*MICROL™ and MICROL™ MAX are antimicrobial product preservatives.

PERFORMANCE BENEFITS

- PURITY FG Greases resist water washout, water jet spray and most sterilizing chemicals used in cleaning.
- Products exhibit good low temperature pumpability.
- PURITY FG Greases have effective anti-wear and EP properties and protect against rust and corrosion.
- Specially formulated to deliver excellent performance and food grade purity (NSF H1) under the highly demanding conditions of food processing operations.
- PURITY FG2 Clear and PURITY FG1 are recommended for the greasing systems in canning and bottling operations found in the beverage industry.

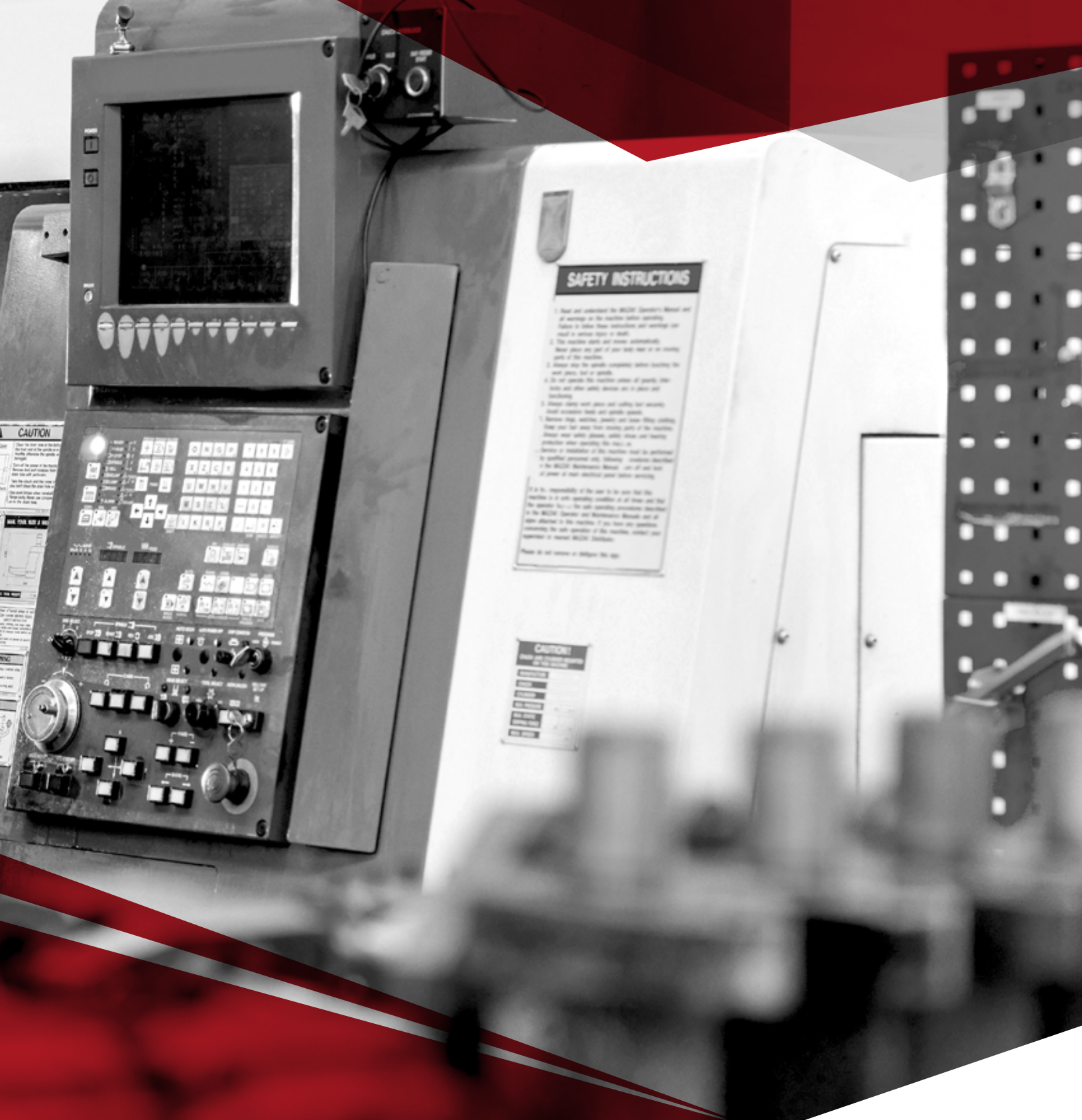




SLIDEWAY LUBRICANTS & **MISCELLANEOUS FLUIDS.**

Specifically formulated to lubricate the slideways of machine tools to reduce wear caused by metal-to-metal contact and maintain smooth, uninterrupted operation.

Visit lubricants.petro-canada.com to find out more.



CAUTION

SAFETY INSTRUCTIONS

1. Read and understand the M200 Operator's Manual and all warnings on the machine before operating. Failure to follow these instructions and warnings can result in serious injury or death.
 2. The machine starts and moves automatically. Always place your feet on your safety feet or on safety parts of the machine.
 3. Always stop the spindle completely before reaching the work piece, tool or spindle.
 4. Do not operate the machine unless all guards, interlocks and other safety devices are in place and functioning.
 5. Always clean your hands and clothing before working. Avoid contamination from your clothing.
 6. Remove chips, shavings, coolant and swarf. Always clean your feet away from moving parts of the machine. Always wear safety glasses, safety shoes and hearing protection when operating this machine.
- Never a component of this machine shall be performed by qualified personnel only. Following conditions described in the M200 Maintenance Manual, part of our line of products of their electrical power system assembly.

It is the responsibility of the user to be sure that the machine is in safe operating condition at all times and that the operator follows the safety operating procedures described in the M200 Operator and Maintenance Manuals and all signs attached to the machine. If you have any questions concerning the safe operation of this machine, contact your supervisor or nearest M200 technician.

CAUTION!
Always use proper safety procedures when operating this machine.

EMERGENCY STOP
STOP
FEED
NO FEED
NO FEED
NO FEED
NO FEED



A HOLLYFRONTIER BUSINESS

MACHINE LUBRICANTS & FLUIDS

MACHINE TOOL AND SLIDEWAY LUBRICANTS

Application	Product	Performance Features	Credentials
Slideways of machine tools	ACCUFLO™ TK 68	<ul style="list-style-type: none"> Enables smooth motion, reduces friction. Improves workpiece finish and accuracy through reduced stick-slip chatter. Outstanding tackiness reduces wash-off by coolants and promotes excellent adhesion to metal surface. Recommended for horizontal slides and moderately loaded machine tools. Better adhesion can reduce product usage resulting in lower costs. Is light in colour. 	<ul style="list-style-type: none"> Passes Bijur's filtration test #2107. GM LS2. Fives (formerly MAG IAS/Cincinnati) P-47.
Vertical slides or heavy-duty machine tools such as planers and boring mills	ACCUFLO TK 220	<ul style="list-style-type: none"> Enables smooth motion, reduces friction. Improves workpiece finish and accuracy through reduced stick-slip chatter. Outstanding tackiness reduces wash-off by coolants and promotes excellent adhesion to metal surface. Recommended for vertical slides and heavy-duty machine tools. 	<ul style="list-style-type: none"> GM LS2. Fives (formerly MAG IAS/Cincinnati) P-50.
Commercial printing presses and other industrial applications	ACCUFLO SS 68	<ul style="list-style-type: none"> Provides outstanding lubrication. Excellent shear stability. Excellent adhesive properties. Protects against rust and corrosion. 	<ul style="list-style-type: none"> Fives (formerly MAG IAS/Cincinnati) P-47 Meets specification standard CLP DIN 51517-3:2004-01 ISO VG 68 MAN Roland (Illustration Machines, Geoman and Colorman models). Meets requirements of Goss Graphic Systems Service Bulletin SBM 5078 "Lubricating Oil Guidelines."
Slideways of machine tools	PC Waylube 68	<ul style="list-style-type: none"> Reduces stick-slip chatter. Reduces wear caused by metal-to-metal contact. Less tacky than ACCUFLO TK 68. Is a light coloured product. 	<ul style="list-style-type: none"> GM LS2. Fives (formerly MAG IAS/Cincinnati) P-47.

CONCRETE FORM OIL

Application	Product	Grades	Performance Features
Release agent on forms involved in concrete pouring operations	CON-REL-EZE™ Concrete Form Oil	60	<ul style="list-style-type: none"> CON-REL-EZE 60 is a light viscosity oil designed for spraying forms; may also be used as a rust preventative for machinery and as a penetrating oil on nuts and bolts.

COMPRESSOR CLEANER

Application	Product	Performance Features
Compressor cleaner	PC Compressor Cleaner	<ul style="list-style-type: none"> • Dissolves varnish and solubilizing sludge from compressors during operation. • May be used as a short-term compressor lubricant (up to 400 hours). • Fully compatible with mineral oils and most synthetics. • Refer to technical bulletin TB-1217: Guidelines for Converting to COMPRO Compressor Fluids.

MISCELLANEOUS

Application	Product	Performance Features/Credentials
Vacuum pump fluids	Super Vac	<ul style="list-style-type: none"> • Helps maximize pump vacuum efficiency with extremely low vapour pressures. • Resistant to high temperature fluid break down. Performance like some synthetic products. • Ashless formulation. • Available in the following vacuum pump grades: 15, 19, 20. • NSF H2 Registered.
Continuous rotary cookers and sterilizers	Rotary Cooker Fluid	<ul style="list-style-type: none"> • Provides outstanding lubrication under high temperature and high humidity conditions. • NSF H2 Registered.
Slitter and scorer equipment	Purity FG Corrcut-E Fluid 15	<ul style="list-style-type: none"> • Helps provide longer life for trim blades. • Effectively removes starch from the blade surface allowing for better cutting performance. • Improved felt absorption to help reduce excess oil clean-up. • NSF H1 Registered.
High temperature roll cleaner	Purity FG Synthetic Roll Clean Fluid	<ul style="list-style-type: none"> • Offers a high flash point to provide exceptional protection against micro fires on hot rollers. • Effectively removes starch to help prevent paper from sticking to the rollers. • NSF H1 Registered.



ELECTRICAL
INSULATING LIQUIDS
**TRANSFORM THE
WAY YOU PROTECT
YOUR EQUIPMENT.**

Visit lubricants.petro-canada.com to find out more.



LUBRICANTS

A HOLLYFRONTIER BUSINESS

ELECTRICAL INSULATING LIQUIDS

PERFORMANCE BENEFITS

- LUMINOL™ ultra-refined insulating oils are designed to withstand the harsh conditions endured by transformers better than conventional naphthenic oils.
- Superior heat transfer compared to conventional transformer oils.
- Virtually sulphur-free, with no corrosive sulphur which can be harmful to transformer and load tap changer components.
- Ultra-pure, inherently biodegradable, free of carcinogenic polynuclear aromatics (PNAs) and virtually non-toxic.
- Exceptional oxidative stability to extend oil quality and life, and reduce oil maintenance.
- Low viscosity at low temperatures make LUMINOL TR/TRi preferred liquids for arctic conditions.

LUMINOL

Application	Product	Performance Features	Credentials
Designed for Type I	LUMINOL TR	<ul style="list-style-type: none"> • Negative gassing tendency. • Less dense than traditional mineral oils. • Ultra-pure, inherently biodegradable in natural environments. • Free of carcinogenic polynuclear aromatics (PNAs). • Virtually non-toxic and colourless. • Fully compatible with existing mineral oils. • Exceptional oxidation stability. • PCB free. • Exceptional cold weather properties. 	<ul style="list-style-type: none"> • Meets or exceeds performance requirements of ASTM D3487 and CSA C50 Class A&B standards. • DOBLE TOPS. • Meets the performance requirements of IEC 60296 general specifications for trace inhibited transformer oils. • Meets CSA C50 upgraded oxidation stability Special Requirements for Type III liquids. • Rated non-corrosive as tested by ASTM D1275 B and IEC 62535.
Designed for Type II	LUMINOL TRi	<ul style="list-style-type: none"> • Negative gassing tendency. • Less dense than traditional mineral oils. • Ultra-pure, inherently biodegradable in natural environments. • Free of carcinogenic polynuclear aromatics (PNAs). • Virtually non-toxic and colourless. • Fully compatible with existing mineral oils. • Exceptional oxidation stability. • PCB free. • Exceptional cold weather properties. 	<ul style="list-style-type: none"> • Meets or exceeds performance requirements of ASTM D3487 and CSA C50 Class A&B standards. • DOBLE TOPS. • Meets the performance requirements of IEC 60296 general specifications for inhibited transformer oils. • Meets CSA C50 upgraded oxidation stability Special Requirements for Type IV liquids. • Rated non-corrosive as tested by ASTM D1275 B and IEC 62535.
Designed for Type II (Smaller Distribution Transformers)	LUMINOL Di	<ul style="list-style-type: none"> • Fully compatible with existing mineral oils. • Free of carcinogenic polynuclear aromatics (PNAs). • Virtually non-toxic. • Very good cold temperature properties. • Less dense than traditional mineral oils. • Good oxidation stability. 	<ul style="list-style-type: none"> • Meets the performance requirements of SA C50 Class B Type II. • Meets the performance requirements of ASTM D3487 Type II. • Rated non-corrosive as tested by ASTM D11275 B and IEC 62535.
Designed for Type II Applications (Ideal for minimizing fluid smell produced during oil changing process with very hot transformer equipment, or with an equipment environment where there is limited ventilation)	LUMINOL LS	<ul style="list-style-type: none"> • Fully compatible with existing mineral oils. • Less dense than traditional mineral oils. • Ultra-pure, free of carcinogenic polynuclear aromatics (PNAs), and virtually non-toxic. • Colourless and low-scent. • Low gassing tendency. • Exceptional oxidation stability. • PCB free. • Exceptional cold weather properties. 	<ul style="list-style-type: none"> • Meets or exceeds the performance requirements of CSA C50 (Class A and B). • Meets or exceeds the performance requirements of ASTM D3487 standards. • Rated non-corrosive as tested by ASTM D1275 B and IEC 62535.

LUBE 360

OUR COMPREHENSIVE SERVICE PROGRAM

LUBE 360 is Petro-Canada Lubricants' comprehensive service program that offers our industry knowledge, technical expertise and industry leading products to fuel your business growth.

Get our Petro-Canada Lubricants technical experts working for you.



LUBE 360 PRODUCT SELECTOR



This tool helps you find the best lubricants for heavy-duty vehicles and mobile equipment.

It provides end-to-end product recommendations including the ideal lubricant, capacity requirements, oil drain intervals and technical information.

Find the right mix of lubricants that deliver maximum performance and longevity.

LUBE 360 SAVINGS SOLUTION



Our technical experts work with you to create a product roadmap to achieve:

- Improved equipment performance.
- Operational efficiencies.
- Sustainable cost savings.

By regularly measuring KPIs relevant to your business, our LUBE 360 Savings Solution can track your results so you see the tangible savings we guarantee.

LUBE 360 OIL DIAGNOSTICS



Our oil diagnostics service combines our lubrication solutions with oil analysis recommendations to help maximize your equipment reliability and save cost:

- Register oil samples using your mobile device or computer.
- Receive an email alert when the report is complete.
- Log on to the LUBE 360 Oil Diagnostics website to get your diagnosis to help maximize oil and equipment life.

For more about LUBE 360 services:
lubricants.petro-canada.com



A HOLLYFRONTIER BUSINESS

LUBRICANTS PRODUCT PART NUMBERS

For your reference and future use, we are listing our current product part numbers. Each unique number is designed to include the product name, the grade and the package size.

Please note that product availability differs by region. Please contact a Petro-Canada Lubricants Representative to ensure availability in your region.

HEAVY-DUTY DIESEL ENGINE OILS		PAGE 6	
Name	Part Numbers		
DURON HP 15W-40	DHP15	DURON UHP 5W-30 205L DRUM	DUHP53DRM
DURON HP 15W-40 12X1L CASE	DHP15C12	DURON UHP 5W-30 1040L IBC	DUHP53IBC
DURON HP 15W-40 4X4L CASE	DHP15C16	DURON UHP 5W-30 BULK	DUHP53BLK
DURON HP 15W-40 20L PAIL	DHP15P20	DURON UHP 5W-40	DUHP54
DURON HP 15W-40 2X10L CASE	DHP15C02	DURON UHP 5W-40 12X1L CASE	DUHP54C12
DURON HP 15W-40 205L DRUM	DHP15DRM	DURON UHP 5W-40 4X4L CASE	DUHP54C16
DURON HP 15W-40 1040L IBC	DHP15IBC	DURON UHP 5W-40 20L PAIL	DUHP54P20
DURON HP 15W-40 BULK	DHP15BLK	DURON UHP 5W-40 205L DRUM	DUHP54DRM
DURON SHP 10W-30	DSHP13	DURON UHP 5W-40 1040L IBC	DUHP54IBC
DURON SHP 10W-30 12X1L CASE	DSHP13C12	DURON UHP 5W-40 BULK	DUHP54BLK
DURON SHP 10W-30 4X4L CASE	DSHP13C16	DURON UHP 10W-40	DUHP14
DURON SHP 10W-30 20L PAIL	DSHP13P20	DURON UHP 10W-40 12X1L CASE	DUHP14C12
DURON SHP 10W-30 205L DRUM	DSHP13DRM	DURON UHP 10W-40 4X4L CASE	DUHP14C16
DURON SHP 10W-30 1040L IBC	DSHP13IBC	DURON UHP 10W-40 20L PAIL	DUHP14P20
DURON SHP 10W-30 BULK	DSHP13BLK	DURON UHP 10W-40 205L DRUM	DUHP14DRM
DURON SHP 15W-40	DSHP15	DURON UHP 10W-40 1040L IBC	DUHP14IBC
DURON SHP 15W-40 12X1L CASE	DSHP15C12	DURON UHP 10W-40 BULK	DUHP14BLK
DURON SHP 15W-40 4X4L CASE	DSHP15C16	DURON UHP E6 10W-40	E6DUH14
DURON SHP 15W-40 20L PAIL	DSHP15P20	DURON UHP E6 10W-40 4X4L CASE	E6DU14C16
DURON SHP 15W-40 205L DRUM	DSHP15DRM	DURON UHP E6 10W-40 20L PAIL	E6DU14P20
DURON SHP 15W-40 1040L IBC	DSHP15IBC	DURON UHP E6 10W-40 205L DRUM	E6DU14DRM
DURON SHP 15W-40 BULK	DSHP15BLK	DURON UHP E6 10W-40 1040L IBC	E6DU14IBC
DURON UHP 0W-30	DUHP03	DURON UHP E6 10W-40 BULK	E6DU14BLK
DURON UHP 0W-30 12X1L CASE	DUHP03C12	DURON UHP E6 5W-30	E6DUH53
DURON UHP 0W-30 4X4L CASE	DUHP03C16	DURON UHP E6 5W-30 4X5L CASE	E6DUH53C20
DURON UHP 0W-30 20L PAIL	DUHP03P20	DURON UHP E6 5W-30 20L EURO PAIL	E6DUH53J20
DURON UHP 0W-30 205L DRUM	DUHP03DRM	DURON UHP E6 5W-30 205 L DRUM	E6DUH53DRM
DURON UHP 0W-30 1040L IBC	DUHP03IBC	DURON UHP E6 5W-30 1040L IBC	E6DUH53IBC
DURON UHP 0W-30 BULK	DUHP03BLK	DURON UHP E6 5W-30 BULK	E6DUH53BLK
DURON UHP 0W-40	DUHP04	DURON ADVANCED 10W-30	DFA13
DURON UHP 0W-40 4X4L CASE	DUHP04C16	DURON ADVANCED 10W-30 12X1L CASE	DFA13C12
DURON UHP 0W-40 20L PAIL	DUHP04P20	DURON ADVANCED 10W-30 4X4L CASE	DFA13C16
DURON UHP 0W-40 205L DRUM	DUHP04DRM	DURON ADVANCED 10W-30 20L PAIL	DFA13P20
DURON UHP 0W-40 1040L IBC	DUHP04IBC	DURON ADVANCED 10W-30 205L DRUM	DFA13DRM
DURON UHP 0W-40 BULK	DUHP04BLK	DURON ADVANCED 10W-30 1040L IBC	DFA13IBC
DURON UHP 5W-30	DUHP53	DURON ADVANCED 10W-30 BULK	DFA13BLK
DURON UHP 5W-30 12X1L CASE	DUHP53C12	DURON ADVANCED 5W-30	DFA53
DURON UHP 5W-30 4X4L CASE	DUHP53C16	DURON ADVANCED 5W-30 12X1L CASE	DFA53C12
DURON UHP 5W-30 20L PAIL	DUHP53P20	DURON ADVANCED 5W-30 4X4L CASE	DFA53C16
		DURON ADVANCED 5W-30 20L PAIL	DFA53P20
		DURON ADVANCED 5W-30 205L DRUM	DFA53DRM
		DURON ADVANCED 5W-30 1040L IBC	DFA53IBC
		DURON ADVANCED 5W-30 BULK	DFA53BLK
		DURON 10W ENGINE OIL	
		DURON 10W ENGINE OIL 4X4L CASE	DUR1
		DURON 10W ENGINE OIL 20L PAIL	DUR1C16
		DURON 10W ENGINE OIL 205L DRUM	DUR1P20
		DURON 10W ENGINE OIL 1040L IBC	DUR1DRM
		DURON 10W ENGINE OIL BULK	DUR1IBC
		DURON 30 ENGINE OIL	DUR1BLK
		DURON 30 ENGINE OIL 12X1L CASE	DUR3
		DURON 30 ENGINE OIL 4X4L CASE	DUR3C12
		DURON 30 ENGINE OIL 20L PAIL	DUR3C16
		DURON 30 ENGINE OIL 205L DRUM	DUR3P20
		DURON 30 ENGINE OIL BULK	DUR3DRM
		DURON 40 ENGINE OIL	DUR3BLK
		DURON 40 ENGINE OIL 12X1L CASE	DUR4
		DURON 40 ENGINE OIL 4X4L CASE	DUR4C12
		DURON 40 ENGINE OIL 20L PAIL	DUR4C16
		DURON 40 ENGINE OIL 205L DRUM	DUR4P20
		DURON 40 ENGINE OIL 1040L IBC	DUR4DRM
		DURON 40 ENGINE OIL BULK	DUR4IBC
		DURON 50 ENGINE OIL	DUR4BLK
		DURON 50 ENGINE OIL 20L PAIL	DUR5
		DURON 50 ENGINE OIL 205L DRUM	DUR5P20
		COMPRESSED NATURAL GAS/LIQUEFIED NATURAL GAS (CNG/LNG)	DUR5DRM
		DURON GEO LD 10W-30	DGEO13
		DURON GEO LD 10W-30 20L PAIL	DGEO13P20
		DURON GEO LD 10W-30 205L DRUM	DGEO13DRM
		DURON GEO LD 10W-30 1040L IBC	DGEO13IBC
		DURON GEO LD 10W-30 BULK	DGEO13BLK
		DURON GEO LD 15W-40	DGEO15
		DURON GEO LD 15W-40 20L PAIL	DGEO15P20
		DURON GEO LD 15W-40 205L DRUM	DGEO15DRM
		DURON GEO LD 15W-40 1040L IBC	DGEO15IBC
		DURON GEO LD 15W-40 BULK	DGEO15BLK
		LOCOMOTIVE ENGINE OIL	
		RALUBE 940CF	RL94CF
		RALUBE 940CF 205L DRUM	RL94CFDRM
		RALUBE 940CF BULK	RL94CFBLK
		RALUBE 40 CFS	RL40CFS
		RALUBE 40 CFS 205L DRUM	RL40CFSDRM
		RALUBE 40 CFS 1040L IBC	RL40CFSIBC
		RALUBE 40 CFS BULK	RL40CFSBLK

AUTOMATIC TRANSMISSION FLUIDS **PAGE 9**

Name	Part Numbers
DEXRON VI ATF	DEX6
DEXRON VI ATF 12X1L CASE	DEX6C12
DEXRON VI ATF 4X4L CASE	DEX6C16
DEXRON VI ATF 205L DRUM	DEX6DRM
DEXRON VI ATF 1040L IBC	DEX6IBC
DEXRON VI ATF BULK	DEX6BLK
ATF+4	CHRYATF4
ATF+4 FLUID 205L DRUM	CHRYATF4DRM
ATF+4 FLUID 1040L IBC	CHRYATF4IBC
ATF+4 FLUID BULK	CHRYATF4BLK
DURADRIVE MV SYNTHETIC ATF	DDMVATF
DURADRIVE MV SYNTHETIC ATF 12X1L CASE	DDMVATFC12
DURADRIVE MV SYNTHETIC ATF 20L PAIL	DDMVATFP20
DURADRIVE MV SYNTHETIC ATF 205L DRUM	DDMVATFDRM
DURADRIVE MV SYNTHETIC ATF 1040L IBC	DDMVATFIBC
DURADRIVE MV SYNTHETIC ATF BULK	DDMVATFBLK
DURADRIVE LOW VISCOSITY MV SYNTHETIC ATF	DDL VATF
DURADRIVE LOW VISCOSITY MV SYNTHETIC ATF 12X1L CASE	DDL VATFC12
DURADRIVE LOW VISCOSITY MV SYNTHETIC ATF 20L PAIL	DDL VATFP20
DURADRIVE LOW VISCOSITY MV SYNTHETIC 205L DRUM	DDL VATFDRM
DURADRIVE LOW VISCOSITY MV SYNTHETIC ATF 1040L IBC	DDL VATFIBC
DURADRIVE LOW VISCOSITY MV SYNTHETIC ATF BULK	DDL VATFBLK
DURADRIVE DCT MV SYNTH TRANS FLUID	DDMV DCT
DURADRIVE DCT MV SYNTHETIC TRANSMISSION FLUID 12X1L CASE	DDMV DCTC12
DURADRIVE DCT MV SYNTHETIC TRANSMISSION FLUID 20L PAIL	DDMV DCTP20
DURADRIVE DCT MV SYNTHETIC TRANSMISSION FLUID 205L DRUM	DDMV DCTDRM
DURADRIVE DCT MV SYNTHETIC TRANSMISSION FLUID 1040L IBC	DDMV DCTIBC
DURADRIVE DCT MV SYNTHETIC TRANSMISSION FLUID BULK	DDMV DCTBLK
DURADRIVE CVT MV SYNTHETIC FLUID	DDMV CVT
DURADRIVE CVT MV SYNTHETIC FLUID 12X1L CASE	DDMV CVTC12
DURADRIVE CVT MV SYNTHETIC FLUID 20L PAIL	DDMV CVTP20
DURADRIVE CVT MV SYNTHETIC FLUID 205LDRM	DDMV CVTDRM
DURADRIVE CVT MV SYNTHETIC FLUID IBC	DDMV CVTIBC
DURADRIVE CVT MV SYNTHETIC FLUID BULK	DDMV CVTBLK
ATF D3M	ATFD3M
ATF D3M 12X1L CASE	ATFD3MC12
ATF D3M 20L PAIL	ATFD3MP20
ATF D3M 205L DRUM	ATFD3MDRM
ATF D3M 1040L IBC	ATFD3MIBC
ATF D3M BULK	ATFD3MBLK
DURADRIVE HEAVY-DUTY SYNTHETIC BLEND ATF	DDSBATF
DURADRIVE HEAVY-DUTY SYNTHETIC BLEND ATF 20L PAIL	DDSBATFP20
DURADRIVE HEAVY-DUTY SYNTHETIC BLEND ATF 205L DRUM	DDSBATFDRM
DURADRIVE HEAVY-DUTY SYNTHETIC BLEND ATF IBC DRUM	DDSBATFIBC
DURADRIVE HEAVY-DUTY SYNTHETIC BLEND ATF BULK	DDSBATFBLK
DURADRIVE HEAVY-DUTY LONG DRAIN ATF	DDL DATFRM
DURADRIVE HEAVY-DUTY LONG DRAIN ATF 205L DRUM	DDL DATFRM

PASSENGER CAR MOTOR OILS **PAGE 10**

Name	Part Numbers
SUPREME SYNTHETIC 0W-16	MOSYN16
SUPREME SYNTHETIC 0W-16 6USG PETROPAK	MOSYN16B6U
SUPREME SYNTHETIC 0W-16 12X1L CASE	MOSYN16C12
SUPREME SYNTHETIC 0W-16 205 L DRUM	MOSYN16DRM
SUPREME SYNTHETIC 0W-16 1040 L IBC	MOSYN16IBC
SUPREME SYNTHETIC 0W-16 BULK	MOSYN16BLK
SUPREME SYNTHETIC 0W-20	MOSYN02
SUPREME SYNTHETIC 0W 6USG PETROPAK	MOSYN02B6U
SUPREME SYNTHETIC 0W-20 12X1L CASE	MOSYN02C12
SUPREME SYNTHETIC 0W-20 205L DRUM	MOSYN02DRM
SUPREME SYNTHETIC 0W-20 1040L IBC	MOSYN02IBC
SUPREME SYNTHETIC 0W-20 BULK	MOSYN02BLK
SUPREME SYNTHETIC 0W-30	MOSYN03
SUPREME SYNTHETIC 0W-30 6USG PETROPAK	MOSYN03B6U
SUPREME SYNTHETIC 0W-30 12X1L CASE	MOSYN03C12
SUPREME SYNTHETIC 0W-30 205L DRUM	MOSYN03DRM
SUPREME SYNTHETIC 0W-30 BULK	MOSYN03BLK
SUPREME SYNTHETIC 0W-40	MOSYN04
SUPREME SYNTHETIC 0W-40 BULK	MOSYN04BLK
SUPREME SYNTHETIC 0W-40 12X1L CASE	MOSYN04C12
SUPREME SYNTHETIC 0W-40 4X4L CASE	MOSYN04C16
SUPREME SYNTHETIC 0W-40 205 L DRUM	MOSYN04DRM
SUPREME SYNTHETIC 5W-20	MOSYN52
SUPREME SYNTHETIC 5W-20 6USG PETROPAK	MOSYN52B6U
SUPREME SYNTHETIC 5W-20 12X1L CASE	MOSYN52C12
SUPREME SYNTHETIC 5W-20 4X4L CASE	MOSYN52C16
SUPREME SYNTHETIC 5W-20 205L DRUM	MOSYN52DRM
SUPREME SYNTHETIC 5W-20 BULK	MOSYN52BLK
SUPREME SYNTHETIC 5W-30	MOSYN53
SUPREME SYNTHETIC 5W-30 12X1L CASE	MOSYN53C12
SUPREME SYNTHETIC 5W-30 4X4L CASE	MOSYN53C16
SUPREME SYNTHETIC 5W-30 6USG PETROPAK	MOSYN53B6U
SUPREME SYNTHETIC 5W-30 DRUM	MOSYN53DRM
SUPREME SYNTHETIC 5W-30 BULK	MOSYN53BLK
SUPREME SYNTHETIC 10W-30	MOSYN13
SUPREME SYNTHETIC 10W-30 6USG PETROPAK	MOSYN04B6U
SUPREME SYNTHETIC 10W-30 12X1L CASE	MOSYN13C12
SUPREME SYNTHETIC 10W-30 BULK	MOSYN13BLK
SUPREME 5W-20	MOSP52
SUPREME 5W-20 6USG PETROPAK	MOSP52B6U
SUPREME 5W-20 12X1L CASE	MOSP52C12
SUPREME 5W-20 205L DRUM	MOSP52DRM
SUPREME 5W-20 1040L IBC	MOSP52IBC
SUPREME 5W-20 BULK	MOSP52BLK
SUPREME 5W-30	MOSP53
SUPREME 5W-30 6USG PETROPAK	MOSP53B6U
SUPREME 5W-30 12X1L CASE	MOSP53C12
SUPREME 5W-30 4X4L CASE	MOSP53C16
SUPREME 5W-30 205L DRUM	MOSP53DRM
SUPREME 5W-30 1040L IBC	MOSP53IBC
SUPREME 5W-30 BULK	MOSP53BLK
SUPREME SYNTHETIC 5W-40	MOSN54
SUPREME SYNTHETIC 5W-40 BULK	MOSYN54BLK
SUPREME SYNTHETIC 5W-40 12X1LCASE	MOSYN54C12
SUPREME SYNTHETIC 5W-40 4X4L CASE	MOSYN54C16
SUPREME SYNTHETIC 5W-40 205L DRUM	MOSYN54DRM
SUPREME SYN HIGH MILEAGE 0W-20	MOHM02
SUPREME SYN HIGH MILEAGE 0W-20 6USG PPAK	MOHM02B6U
SUPREME SYN HIGH MILEAGE 0W-20 BULK	MOHM02BLK
SUPREME SYN HIGH MILEAGE 0W-20 12X1LCASE	MOHM02C12
SUPREME SYN HIGH MILEAGE 0W-20 4X4L CASE	MOHM02C16
SUPREME SYN HIGH MILEAGE 0W-20 205L DRUM	MOHM02DRM
SUPREME SYNTHYBRID 0W-20 1040L IBC	MOHY02IBC

SUPREME HIGH MILEAGE 10W-30 **MOHM13**

SUPREME HIGH MILEAGE 10W30 6USG PETROPAK	MOHM13B6U
SUPREME HIGH MILEAGE 10W-30 BULK	MOHM13BLK
SUPREME HIGH MILEAGE 10W-30 12X1L CASE	MOHM13C12
SUPREME HIGH MILEAGE 10W-30 4X4L CASE	MOHM13C16
SUPREME HIGH MILEAGE 10W-30 205 L DRUM	MOHM13DRM
SUPREME HIGH MILEAGE 10W-30 1040 L IBC	MOHM13IBC
SUPREME HIGH MILEAGE 5W-20	MOHM52
SUPREME HIGH MILEAGE 5W-20 6USG PETROPAK	MOHM52B6U
SUPREME HIGH MILEAGE 5W-20 BULK	MOHM52BLK
SUPREME HIGH MILEAGE 5W-20 12X1L CASE	MOHM52C12
SUPREME HIGH MILEAGE 5W-20 4X4L CASE	MOHM52C16
SUPREME HIGH MILEAGE 5W-20 205 L DRUM	MOHM52DRM
SUPREME HIGH MILEAGE 5W-20 1040 L IBC	MOHM52IBC
SUPREME HIGH MILEAGE 5W-30	MOHM53
SUPREME HIGH MILEAGE 5W-30 6USG PETROPAK	MOHM53B6U
SUPREME HIGH MILEAGE 5W-30 BULK	MOHM53BLK
SUPREME HIGH MILEAGE 5W-30 12X1L CASE	MOHM53C12
SUPREME HIGH MILEAGE 5W-30 4X4L CASE	MOHM53C16
SUPREME HIGH MILEAGE 5W-30 205 L DRUM	MOHM53DRM
SUPREME SYNTH HYBRID 0W-16	MOHY16
SUPREME SYNTH HYBRID 0W-16 6USG PETROPAK	MOHY16B6U
SUPREME SYNTH HYBRID 0W-16 BULK	MOHY16BLK
SUPREME SYNTH HYBRID 0W-16 12X1L CAS	MOHY16C12
SUPREME SYNTH HYBRID 0W-16 4X4L CASE	MOHY16C16
SUPREME SYNTH HYBRID 0W-16 205L DRUM	MOHY16DRM
SUPREME SYNTH HYBRID 0W-16 1040L IBC	MOHY16IBC
SUPREME SYNTH HYBRID 0W-20	MOHY02
SUPREME SYNTH HYBRID 0W-20 6USG PPAK	MOHY02B6U
SUPREME SYNTH HYBRID 0W-20 BULK	MOHY02BLK
SUPREME SYNTH HYBRID 0W-20 12X1L CAS	MOHY02C12
SUPREME SYNTH HYBRID 0W-20 4X4L CASE	MOHY02C16
SUPREME SYNTH HYBRID 0W-20 205L DRUM	MOHY02DRM
SUPREME SYNTHYBRID 0W-20 1040L IBC	MOHY02IBC
SUPREME 10W-30	MOSP13
SUPREME 10W-30 12X1L CASE	MOSP13C12
SUPREME 10W-30 4X4L CASE	MOSP13C16
SUPREME 10W-30 205L DRUM	MOSP13DRM
SUPREME 10W-30 1040L IBC	MOSP13IBC
SUPREME 10W-30 BULK	MOSP13BLK
SUPREME 10W-40	MOSP14
SUPREME 10W-40 12X1L CASE	MOSP14C12
SUPREME 10W-40 4X4L CASE	MOSP14C16
SUPREME 10W-40 205L DRUM	MOSP14DRM
SUPREME 10W-40 BULK	MOSP14BLK
SUPREME 20W-50	MOSP25
SUPREME 20W-50 12X1L CASE	MOSP25C12
SUPREME 20W-50 4X4L CASE	MOSP25C16
SUPREME 20W-50 205L DRUM	MOSP25DRM
SUPREME C3 SYNTHETIC 5W-30	MOSNC53
SUPREME C3 SYNTHETIC 5W-30 12X1L CASE	MOSNC53C12
SUPREME C3 SYNTHETIC 5W-30 4X5L CASE	MOSNC53C20
SUPREME C3 SYNTHETIC 5W-30 205 L DRUM	MOSNC53DRM
SUPREME C3 SYNTHETIC 5W-30 1000L BOX	MOSNC53BOX
SUPREME C3 SYNTHETIC 5W-30 BULK	MOSNC53BLK
SUPREME C3-X SYNTHETIC 5W30	MOSNX53
SUPREME C3-X SYNTHETIC 6USG PETROPAK	MOSNX53B6U
SUPREME C3-X SYNTHETIC 5W-30 12X1L CASE	MOSNX53C12
SUPREME C3-X SYNTHETIC 5W-30 4X4L CASE	MOSNX53C16
SUPREME C3-X SYNTHETIC 5W30 205 L DRUM	MOSNX53DRM
SUPREME C3-X SYNTHETIC 5W30 1040 L IBC	MOSNX53IBC
SUPREME C3-X SYNTHETIC 5W30 BULK	MOSNX53BLK

SUPREME C3-X SYNTHETIC 5W40

SUPREME C3-X SYNTHETIC 5W-40 12x1L CASE
 SUPREME C3-X SYNTHETIC 5W-40 4x4L CASE
 SUPREME C3-X SYNTHETIC 5W-40 DRUM
 SUPREME C3-X SYNTHETIC 5W-40 1040L IBC
 SUPREME C3-X SYNTHETIC 5W-40 BULK

MOSNX54

MOSNX54C12
 MOSNX54C16
 MOSNX54DRM
 MOSNX54IBC
 MOSNX54BLK

AUTOMOTIVE GEAR OILS**PAGE 12****Name****Part Numbers****DEXRON LS GEAR OIL 75W-90**

DEXRON LS GEAR OIL 75W-90 12X1L CASE
 DEXRON LS GEAR OIL 75W-90 205L DRUM
 DEXRON LS GEAR OIL 75W-90 1040L IBC
 DEXRON LS GEAR OIL 75W-90 BULK

DEXLS75

DEXLS75C12
 DEXLS75DRM
 DEXLS75IBC
 DEXLS75BLK

DEXRON GEAR OIL 75W-90

DEXRON GEAR OIL 75W-90 205L DRUM
 DEXRON GEAR OIL 75W-90 1040L IBC

DEX75DRM
 DEX75IBC

TRAXON 85W-140

TRAXON 85W-140 20L PAIL
 TRAXON 85W-140 60L KEG
 TRAXON 85W-140 205L DRUM
 TRAXON 85W-140 1040L IBC
 TRAXON 85W-140 BULK

TR8514

TR8514P20
 TR8514K60
 TR8514DRM
 TR8514IBC
 TR8514BLK

TRAXON 80W-90

TRAXON 80W-90 12X1L CASE
 TRAXON 80W-90 4X4L CASE
 TRAXON 80W-90 20L PAIL
 TRAXON 80W-90 60L KEG
 TRAXON 80W-90 205L DRUM
 TRAXON 80W-90 1040L IBC
 TRAXON 80W-90 BULK

TR89

TR89C12
 TR89C16
 TR89P20
 TR89K60
 TR89DRM
 TR89IBC
 TR89BLK

TRAXON E SYNTHETIC MTF

TRAXON E SYNTHETIC MTF 20L PAIL
 TRAXON E SYNTHETIC MTF 60L KEG
 TRAXON E SYNTHETIC MTF 205L DRUM

TREMTF

TREMTFP20
 TREMTFK60
 TREMTFDRM

TRAXON E SYNTHETIC 75W-90

TRAXON E SYNTHETIC 75W-90 4X4L CASE
 TRAXON E SYNTHETIC 75W-90 20L PAIL
 TRAXON E SYNTHETIC 75W-90 60L KEG
 TRAXON E SYNTHETIC 75W-90 205L DRUM

TRE759

TRE759C16
 TRE759P20
 TRE759K60
 TRE759DRM

TRAXON E SYNTHETIC 80W-140

TRAXON E SYNTHETIC 80W-140 20L PAIL
 TRAXON E SYNTHETIC 80W-140 60L KEG
 TRAXON E SYNTHETIC 80W-140 205L DRUM
 TRAXON E SYNTHETIC 80W-140 1040L IBC
 TRAXON E SYNTHETIC 80W-140 BULK

TRE814

TRE814P20
 TRE814K60
 TRE814DRM
 TRE814IBC
 TRE814BLK

TRAXON SYNTHETIC 75W-85

TRAXON SYNTHETIC 75W-85 205L DRUM
 TRAXON SYNTHETIC 75W-85 20L PAIL
 TRAXON SYNTHETIC 75W-85 1040L IBC

TRSY7585

TRSY758DRM
 TRSY758P20
 TRSY758IBC

TRAXON SYNTHETIC 75W-90

TRAXON SYNTHETIC 75W-90 20L PAIL
 TRAXON SYNTHETIC 75W-90 205L DRUM
 TRAXON SYNTHETIC 75W-90 1040L IBC
 TRAXON SYNTHETIC 75W-90 BULK

TRSY759

TRSY759P20
 TRSY759DRM
 TRSY759IBC
 TRSY759BLK

TRAXON XL SYNTHETIC BLEND 75W-90

TRAXON XL SYNTHETIC BLEND 75W-90 12X1L CASE
 TRAXON XL SYNTHETIC BLEND 75W-90 4X4L CASE

TRXL759

TRXL759C12
 TRXL759C16

TRAXON XL SYNTHETIC BLEND 75W-90 20L PAIL
 TRAXON XL SYNTHETIC BLEND 75W-90 60L KEG
 TRAXON XL SYNTHETIC BLEND 75W-90 205L DRUM
 TRAXON XL SYNTHETIC BLEND 75W-90 1040L IBC
 TRAXON XL SYNTHETIC BLEND 75W-90 BULK

TRXL759P20
 TRXL759K60
 TRXL759DRM
 TRXL759IBC
 TRXL759BLK

TRAXON XL SYNTHETIC BLEND 80W-140

TRAXON XL SYNTHETIC BLEND 80W-140 DRUM
 TRAXON XL SYNTHETIC BLEND 80W-140 1040L IBC
 TRAXON XL SYNTHETIC BLEND 80W-140 BULK

TRXL814
 TRXL814DRM
 TRXL814IBC
 TRXL814BLK

TRAXON SYNTHETIC CD-50

TRAXON SYNTHETIC CD-50 20 L PAIL
 TRAXON SYNTHETIC CD-50 60 L KEG
 TRAXON SYNTHETIC CD-50 205 L DRUM
 TRAXON SYNTHETIC CD-50 BULK

TRSY50
 TRSY50P20
 TRSY50K60
 TRSY50DRM
 TRSY50BLK

TRAXON SYNTHETIC MTF 75W-80

TRAXON SYNTHETIC MTF 75W-80 20 L PAIL
 TRAXON SYNTHETIC MTF 75W-80 60 L KEG
 TRAXON SYNTHETIC MTF 75W-80 205 L DRUM

TRSM758
 TRSM758P20
 TRSM758K60
 TRSM758DRM

COMMERCIAL TRANSPORTATION HYDRAULIC FLUIDS**PAGE 16****Name****Part Numbers****HYDREX AW 22**

HYDREX AW 22 HYDRAULIC OIL 20L PAIL
 HYDREX AW 22 HYDRAULIC OIL 205L DRUM
 HYDREX AW 22 HYDRAULIC OIL BULK

HDXAW22
 HDXAW22P20
 HDXAW22DRM
 HDXAW22BLK

HYDREX AW 32

HYDREX AW 32 HYDRAULIC OIL 20L PAIL
 HYDREX AW 32 HYDRAULIC OIL 205L DRUM
 HYDREX AW 32 HYDRAULIC OIL IBC
 HYDREX AW 32 HYDRAULIC OIL BULK

HDXAW32
 HDXAW32P20
 HDXAW32DRM
 HDXAW32IBC
 HDXAW32BLK

HYDREX AW 46

HYDREX AW 46 HYDRAULIC OIL 20L PAIL
 HYDREX AW 46 HYDRAULIC OIL 205L DRUM
 HYDREX AW 46 HYDRAULIC OIL 1040L IBC
 HYDREX AW 46 HYDRAULIC OIL BULK

HDXAW46
 HDXAW46P20
 HDXAW46DRM
 HDXAW46IBC
 HDXAW46BLK

HYDREX AW 68

HYDREX AW 68 HYDRAULIC OIL 20L PAIL
 HYDREX AW 68 HYDRAULIC OIL 205L DRUM
 HYDREX AW 68 HYDRAULIC OIL 1040L IBC
 HYDREX AW 68 HYDRAULIC OIL BULK

HDXAW68
 HDXAW68P20
 HDXAW68DRM
 HDXAW68IBC
 HDXAW68BLK

HYDREX AW 80

HYDREX AW 80 HYDRAULIC OIL BULK

HDXAW80
 HDXAW80BLK

HYDREX AW 100

HYDREX AW 100 HYDRAULIC OIL 20L PAIL
 HYDREX AW 100 HYDRAULIC OIL 205L DRUM
 HYDREX AW 100 HYDRAULIC OIL BULK

HDXAW100
 HDXAW10P20
 HDXAW10DRM
 HDXAW10BLK

HYDREX MV 22

HYDREX MV 22 HYDRAULIC OIL 20L PAIL
 HYDREX MV 22 HYDRAULIC OIL 205L DRUM
 HYDREX MV 22 HYDRAULIC OIL 1040L IBC
 HYDREX MV 22 HYDRAULIC OIL BULK

HDXMV22
 HDXMV22P20
 HDXMV22DRM
 HDXMV22IBC
 HDXMV22BLK

HYDREX MV 32

HYDREX MV 32 HYDRAULIC OIL 20L PAIL
 HYDREX MV 32 HYDRAULIC OIL 205L DRUM
 HYDREX MV 32 HYDRAULIC OIL 1040L IBC
 HYDREX MV 32 HYDRAULIC OIL BULK

HDXMV32
 HDXMV32P20
 HDXMV32DRM
 HDXMV32IBC
 HDXMV32BLK

HYDREX MV 46

HYDREX MV 46 HYDRAULIC OIL 20L PAIL
 HYDREX MV 46 HYDRAULIC OIL 205L DRUM
 HYDREX MV 46 HYDRAULIC OIL BULK

HDXMV46

HDXMV46P20
 HDXMV46DRM
 HDXMV46BLK
HDXMV68
 HDXMV68P20
 HDXMV68DRM
 HDXMV68BLK

HYDREX MV 68

HYDREX MV 68 HYDRAULIC OIL 20L PAIL
 HYDREX MV 68 HYDRAULIC OIL 205L DRUM
 HYDREX MV 68 HYDRAULIC OIL BULK

HYDREX XV ALL SEASON

HYDREX XV ALL SEASON HYDRAULIC OIL 4X4L CASE
 HYDREX XV ALL SEASON HYDRAULIC OIL 20L PAIL
 HYDREX XV ALL SEASON HYDRAULIC OIL 205L DRUM
 HYDREX XV ALL SEASON HYDRAULIC OIL IBC
 HYDREX XV ALL SEASON HYDRAULIC OIL BULK

HDXAS

HDXASC16
 HDXASP20
 HDXASDRM
 HDXASIBC
 HDXASBLK

HYDREX EXTREME

HYDREX EXTREME 20L PAIL
 HYDREX EXTREME 205L DRUM
 HYDREX EXTREME 1040L IBC

HDXEXT

HDXEXTP20
 HDXEXTDRM
 HDXEXTIBC

HYDREX MV ARCTIC 15 HYDRAULIC OIL

HYDREX MV ARCTIC 15 HYDRAULIC OIL 20L PAIL
 HYDREX MV ARCTIC 15 HYDRAULIC OIL 205L DRUM
 HYDREX MV ARCTIC 15 HYDRAULIC OIL BULK

HDXAR15

HDXAR15P20
 HDXAR15DRM
 HDXAR15BLK

ENVIRON AW 32

ENVIRON AW 32 20L PAIL
 ENVIRON AW 32 205L DRUM
 ENVIRON AW 32 BULK

ENVAW32

ENVAW32P20
 ENVAW32DRM
 ENVAW32BLK

ENVIRON AW 46

ENVIRON AW 46 20L PAIL
 ENVIRON AW 46 205L DRUM
 ENVIRON AW 46 BULK

ENVAW46

ENVAW46P20
 ENVAW46DRM
 ENVAW46BLK

ENVIRON AW 68

ENVIRON AW 68 205L DRUM
 ENVIRON AW 68 BULK

ENVAW68

ENVAW68DRM
 ENVAW68BLK

ENVIRON MV 32

ENVIRON MV 32 20L PAIL
 ENVIRON MV 32 205L DRUM
 ENVIRON MV 32 BULK

ENVMV32

ENVMV32P20
 ENVMV32DRM
 ENVMV32BLK

ENVIRON MV 46

ENVIRON MV 46 20L PAIL
 ENVIRON MV 46 205L DRUM
 ENVIRON MV 46 1040L IBC

ENVMV46

ENVMV46P20
 ENVMV46DRM
 ENVMV46IBC

TRANSMISSION/HYDRAULIC FLUIDS**PAGE 18****Name****Part Numbers****DURATRAN**

DURATRAN 4X4L CASE
 DURATRAN 20L PAIL
 DURATRAN 2X10L CASE
 DURATRAN 205L DRUM
 DURATRAN 1040L IBC
 DURATRAN BULK

DTRAN

DTRANC16
 DTRANP20
 DTRANC02
 DTRANDRM
 DTRANIBC
 DTRANBLK

DURATRAN XL

DURATRAN XL 4X4L CASE
 DURATRAN XL 20L PAIL
 DURATRAN XL 205L DRUM
 DURATRAN XL BULK

DTRANXL

DTRANXLC16
 DTRANXLP20
 DTRANXLDRM
 DTRANXLBLK

DURATRAN SYNTHETIC

DURATRAN SYNTHETIC 20L PAIL
 DURATRAN SYNTHETIC 205L DRUM

DTRANSP

DTRANSP20
 DTRANSPDRM

TRANSMISSION/DRIVE TRAIN FLUIDS **PAGE 19**

Name	Part Numbers
PRODURO FD-1 60	FDA060
PRODURO FD-1 60 205L DRUM	FDA060DRM
PRODURO FD-1 60 1040L IBC	FDA060IBC
PRODURO FD-1 60 BULK	FDA060BLK
PRODURO FD-1 SYNTHETIC	FD1SYN
PRODURO FD-1 SYNTHETIC 205L DRUM	FD1SYNDRM
PRODURO FD-1 SYNTHETIC 1040L IBC	FD1SYNIBC
PRODURO FD-1 SYNTHETIC BULK	FD1SYNBLK
PRODURO TO-4* 10W TRANSMISSION OIL	PD410W
PRODURO TO-4* 10W TRANSMISSION OIL	PD410WP20
PRODURO TO-4* 10W TRANSMISSION OIL 205L	PD410WDRM
PRODURO TO-4* 10W TRANS OIL 1040L IBC	PD410WIBC
PRODURO TO-4* 10W TRANSMISSION OIL BULK	PD410WBLK
PRODURO TO-4* 30 TRANSMISSION OIL	PD430
PRODURO TO-4* 30 TRANS OIL 20L PAIL	PD430P20
PRODURO TO-4* 30 TRANSMISSION OIL 205L	PD430DRM
PRODURO TO-4* 30 TRANSMISSION OIL 1040L IBC	PD430IBC
PRODURO TO-4* 30 TRANSMISSION OIL BULK	PD430BLK
PRODURO TO-4* 50 TRANSMISSION OIL	PD450
PRODURO TO-4* 50 TRANSMISSION OIL 20L	PD450P20
PRODURO TO-4* 50 TRANSMISSION OIL 205L	PD450DRM
PRODURO TO-4* 50 TRANSMISSION OIL 1040L	PD450IBC
PRODURO TO-4* 50 TRANSMISSION OIL BULK	PD450BLK
PRODURO TO-4* 60 TRANSMISSION OIL	PD460
PRODURO TO-4* 60 TRANSMISSION OIL 205L	PD460DRM
PRODURO TO-4* 60 TRANSMISSION OIL 1040L IBC	PD460IBC

Name	Part Numbers
PRODURO TO-4* SYNTHETIC ALL SEASON	PD4AS
PRODURO TO-4* SYNTHETICALL SEASON 4X4L CASE	PD4ASC16
PRODURO TO-4* SYNTHETICALL SEASON 20L PAIL	PD4ASP20
PRODURO TO-4* SYNTHETIC ALL SEASON 205L DRUM	PD4ASDRM
PRODURO TO-4* SYNTHETICALL SEASON 1040L IBC	PD4ASIBC
PRODURO TO-4* SYNTHETIC ALL SEASON BULK	PD4ASBLK
PRODURO TO-4* XL SYNTHETIC BLEND LOTEMP	PD4XLLT
PRODURO TO-4* XL SYNTHETICBL LOTEMP 20L	PD4XLLTP20
PRODURO TO-4* XL SYNTHETICBL LOTEMP 205L DRUM	PD4XLLTDRM
PRODURO TO-4* XL SYNBL LOTEMP 1040L IBC	PD4XLLTIBC
PRODURO TO-4* XL SYNTHETICBLEND LOTEMP BULK	PD4XLLTBLK

SMALL ENGINE OIL **PAGE 20**

Name	Part Numbers
SUPREME SYNTHETIC BLEND 2-STROKE ENGINE OIL	TWOSTR
2-STROKE ENGINE OIL 12X1L CASE	TWOSTRC12
2-STROKE ENGINE OIL 24X500ML CASE	TWOSTRC24
2-STROKE ENGINE OIL 4X4L CASE	TWOSTRC16
2-STROKE ENGINE OIL DRUM	TWOSTRDRM
2-STROKE ENGINE OIL BULK	TWOSTRBLK

CHAIN OILS **PAGE 22**

Name	Part Numbers
DURATAC CHAIN OIL 32	DTAC32
DURATAC CHAIN OIL 32 4X4L CASE	DTAC32C16
DURATAC CHAIN OIL 32 205L DRUM	DTAC32DRM
DURATAC CHAIN OIL 32 BULK	DTAC32BLK
DURATAC CHAIN OIL 68	DTAC68
DURATAC CHAIN OIL 68 20L PAIL	DTAC68P20
DURATAC CHAIN OIL 68 205L DRUM	DTAC68DRM
DURATAC CHAIN OIL 68 BULK	DTAC68BLK

Name	Part Numbers
DURATAC CHAIN OIL 100	DTAC100
DURATAC CHAIN OIL 100 20L PAIL	DTAC100P20
DURATAC CHAIN OIL 100 205L DRUM	DTAC100DRM
DURATAC CHAIN OIL 100 BULK	DTAC100BLK

Name	Part Numbers
DURATAC CHAIN OIL 150 RED	DTAC150
DURATAC CHAIN OIL 150 4L CASE	DTAC150C16
DURATAC CHAIN OIL 150 20L PAIL	DTAC150P20
DURATAC CHAIN OIL 150 205L DRUM	DTAC150DRM
DURATAC CHAIN OIL 150 BULK	DTAC150BLK

Name	Part Numbers
DURATAC NON DRIP 32	NDRP32
DURATAC NON DRIP 32 205L DRUM	NDRP32DRM

Name	Part Numbers
DURATAC NON DRIP 68	NDRP68
DURATAC NON DRIP 68 205L DRUM	NDRP68DRM

Name	Part Numbers
DURATAC NON DRIP 100	NDRP100
DURATAC NON DRIP 100 205L DRUM	NDRP100DRM

Name	Part Numbers
DURATAC NON DRIP 150	NDRP150
DURATAC NON DRIP 150 205L DRUM	NDRP150DRM

Name	Part Numbers
DURATAC NON DRIP 220	NDRP220
DURATAC NON DRIP 220 20L PAIL	NDRP220P20
DURATAC NON DRIP 220 205L DRUM	NDRP220DRM

Name	Part Numbers
PC BAR & CHAIN 32	PBNC32
PC BAR & CHAIN 32 4x1 US GAL CASE	PBNC32C4U

Name	Part Numbers
PC BAR & CHAIN 150	PBNC150
PC BAR & CHAIN 150 4x1 US GAL CASE	PBNC150C4U

PAPER MACHINE OILS **PAGE 22**

Name	Part Numbers
SEPRO XL PAPER MACHINE OIL 150	PAPA150
SEPRO XL PAPER MACHINE OIL 150 205L DRUM	PAPA150DRM
SEPRO XL PAPER MACHINE OIL 150 1040L IBC	PAPA150IBC
SEPRO XL PAPER MACHINE OIL 150 OIL BULK	PAPA150BLK
SEPRO XL PAPER MACHINE OIL 220	PAPA220
SEPRO XL PAPER MACHINE OIL 220 205L DRUM	PAPA220DRM
SEPRO XL PAPER MACHINE OIL 220 1040L IBC	PAPA220IBC
SEPRO XL PAPER MACHINE OIL 220 BULK	PAPA220BLK

SAW GUIDE OILS **PAGE 22**

Name	Part Numbers
PETROGLIDE 100	GLID100
PETROGLIDE 100 205L DRUM	GLID100DRM
PETROGLIDE 100 1040L IBC	GLID100IBC
PETROGLIDE 100 BULK	GLID100BLK
PETROGLIDE 150	GLID150
PETROGLIDE 150 205L DRUM	GLID150DRM
PETROGLIDE 150 BULK	GLID150BLK
PETROGLIDE MC 32	GLIDMC32
PETROGLIDE MC 32 205L DRUM	GLIDMC32DRM
PETROGLIDE ELV	GLIDELV
PETROGLIDE ELV IBC	GLIDELVIBC

MULTI-APPLICATION GREASES **PAGE 24**

Name	Part Numbers
PRECISION SYNTHETIC	PS
PRECISION SYNTHETIC 30X400G TUBES CASE	PSC30
PRECISION SYNTHETIC 17KG PAIL	PSP17
PRECISION SYNTHETIC 54KG LINED KEG	PSKGL
PRECISION SYNTHETIC 175KG LINED DRUM	PSDRL
PRECISION SYNTHETIC GREASE BIN	PSCBG
PRECISION SYNTHETIC BULK	PSBLK
PRECISION SYNTHETIC 220	PS220
PRECISION SYNTHETIC 220 30X400G TUBES CASE	PS220C30
PRECISION SYNTHETIC 220 17 KG PAIL	PS220P17
PRECISION SYNTHETIC 220 54 KG LINED KEG	PS220KGL
PRECISION SYNTHETIC 220 175KG LINED DRUM	PS220DRL

Name	Part Numbers
PRECISION SYNTHETIC HEAVY 460	PSH
PRECISION SYNTHETIC HEAVY 460 30X400G TUBES CASE	PSHC30
PRECISION SYNTHETIC HEAVY 460 17KG PAIL	PSHP17
PRECISION SYNTHETIC HEAVY 460 54KG KEG	PSHKGL
PRECISION SYNTHETIC HEAVY 460 175KG DRUM	PSHDRL

Name	Part Numbers
PRECISION SYNTHETIC HEAVY 1500	PSH1500
PRECISION SYNTHETIC HEAVY 1500 175KG LINED DRUM	PSH1500DRL

Name	Part Numbers
PRECISION SYNTHETIC MOLY	PSM
PRECISION SYNTHETIC MOLY 30X400G TUBES CASE	PSMC30
PRECISION SYNTHETIC MOLY 54KG LINED KEG	PSMKGL
PRECISION SYNTHETIC MOLY 175KG DRUM	PSMDRL
PRECISION SYNTHETIC MOLY BULK	PSMBLK

Name	Part Numbers
PRECISION XL EP2	PXL2
PRECISION XL EP2 30X400G TUBES CASE	PXL2C30
PRECISION XL EP2 17KG PAIL	PXL2P17
PRECISION XL EP2 54KG LINED KEG	PXL2KGL
PRECISION XL EP2 175KG LINED DRUM	PXL2DRL
PRECISION XL EP2 GREASE BIN	PXL2CBG
PRECISION XL EP2 BULK	PXL2BLK

Name	Part Numbers
PRECISION XL EP1	PXL1
PRECISION XL EP1 30X400G TUBES CASE	PXL1C30
PRECISION XL EP1 17KG PAIL	PXL1P17
PRECISION XL EP1 54KG LINED KEG	PXL1KGL
PRECISION XL EP1 175KG LINED DRUM	PXL1DRL

Name	Part Numbers
PRECISION XL 3 MOLY EP1	PXL3M1
PRECISION XL 3 MOLY EP1 30X400G TUBES CASE	PXL3M1C30
PRECISION XL 3 MOLY EP1 17KG PAIL	PXL3M1P17
PRECISION XL 3 MOLY EP1 54KG LINED KEG	PXL3M1KGL
PRECISION XL 3 MOLY EP1 175KG LINED DRUM	PXL3M1DRL
PRECISION XL 3 MOLY EP1 GREASE BIN	PXL3M1CBG
PRECISION XL 3 MOLY EP1 BULK	PXL3M1BLK

Name	Part Numbers
PRECISION XL 3 MOLY EP2	PXL3M2
PRECISION XL 3 MOLY EP2 30X400G TUBES CASE	PXL3M2C30
PRECISION XL 3 MOLY EP2 17KG PAIL	PXL3M2P17
PRECISION XL 3 MOLY EP2 54KG LINED KEG	PXL3M2KGL
PRECISION XL 3 MOLY EP2 175KG LINED DRUM	PXL3M2DRL
PRECISION XL 3 MOLY EP2 GREASE BIN	PXL3M2CBG

Name	Part Numbers
PRECISION XL 3 MOLY ARCTIC	PXL3A
PRECISION XL 3 MOLY ARCTIC 30X400G TUBES CASE	PXL3AC30
PRECISION XL 3 MOLY ARCTIC 54KG KEG	PXL3AKGL
PRECISION XL 3 MOLY ARCTIC 175KG DRUM	PXL3ADRL
PRECISION XL 3 MOLY ARCTIC GREASE BIN	PXL3ACBG
PRECISION XL 3 MOLY ARCTIC BULK	PXL3ABLK

Name	Part Numbers
PRECISION XL 5 MOLY EPO	PXL5M0
PRECISION XL 5 MOLY EPO 17KG PAIL	PXL5M0P17
PRECISION XL 5 MOLY EPO 175KG LINED DRUM	PXL5M0DRL
PRECISION XL 5 MOLY EPO GREASE BIN	PXL5M0CBG
PRECISION XL 5 MOLY EPO BULK	PXL5M0BLK

Name	Part Numbers
PRECISION XL 5 MOLY EP1	PXL5M1
PRECISION XL 5 MOLY EP1 30X400G TUBES CASE	PXL5M1C30
PRECISION XL 5 MOLY EP1 54KG LINED KEG	PXL5M1KGL
PRECISION XL 5 MOLY EP1 175KG LINED DRUM	PXL5M1DRL
PRECISION XL 5 MOLY EP1 GREASE BIN	PXL5M1CBG

Name	Part Numbers
PRECISION XL 5 MOLY EP2	PXL5M2
PRECISION XL 5 MOLY EP2 30X400G TUBES CASE	PXL5M2C30
PRECISION XL 5 MOLY EP2 17KG PAIL	PXL5M2P17
PRECISION XL 5 MOLY EP2 54KG LINED KEG	PXL5M2KGL
PRECISION XL 5 MOLY EP2 175KG LINED DRUM	PXL5M2DRL
PRECISION XL 5 MOLY EP2 GREASE BIN	PXL5M2CBG
PRECISION XL 5 MOLY EP2 BULK	PXL5M2BLK

PRECISION GENERAL PURPOSE EP1	PGP1
PRECISION GENERAL PURPOSE EP1 30X400G TUBES CASE	PGP1C30
PRECISION GENERAL PURPOSE EP1 17KG PAIL	PGP1P17
PRECISION GENERAL PURPOSE EP1 54KG KEG	PGP1KGL
PRECISION GENERAL PURPOSE EP1 175KG DRUM	PGP1DRL
PRECISION GENERAL PURPOSE EP2	PGP2
PRECISION GENERAL PURPOSE EP2 30X400G TUBES CASE	PGP2C30
PRECISION GENERAL PURPOSE EP2 17KG PAIL	PGP2P17
PRECISION GENERAL PURPOSE EP2 54KG KEG	PGP2KGL
PRECISION GENERAL PURPOSE EP2 175KG DRUM	PGP2DRL
PRECISION GENERAL PURPOSE EP2 GREASE BIN	PGP2CBG
PRECISION GENERAL PURPOSE MOLY EP2	PGPM2
PRECISION GENERAL PURPOSE MOLY EP2 TUBES CASE	PGPM2C30
PRECISION GENERAL PURPOSE MOLY EP2 17KG	PGPM2P17
PRECISION GENERAL PURPOSE MOLY EP2 54KG	PGPM2KGL
PRECISION GENERAL PURPOSE MOLY EP2 175KG	PGPM2DRL
PRECISION GENERAL PURPOSE MOLY EP2 BIN	PGPM2CBG
PRECISION GENERAL PURPOSE MOLY EP2 BULK	PGPM2BLK
PEERLESS POLY EMB	PLEMB
PEERLESS POLY EMB 30X400G TUBES CASE	PLEMBC30
PEERLESS LLG	PLLLG
PEERLESS LLG 30X400G TUBES CASE	PLLLGC30
PEERLESS LLG 17KG PAIL	PLLLGP17
PEERLESS LLG 54KG LINED KEG	PLLLGKGL
PEERLESS LLG 175KG LINED DRUM	PLLLGDRL
PEERLESS OGO	PLOG0
PEERLESS OGO 30X400G TUBES CASE	PLOG0C30
PEERLESS OGO 54KG LINED KEG	PLOG0KGL
PEERLESS OG1	PLOG1
PEERLESS OG1 30X400G TUBES CASE	PLOG1C30
PEERLESS OG1 17KG PAIL	PLOG1P17
PEERLESS OG1 54KG LINED KEG	PLOG1KGL
PEERLESS OG1 175KG LINED DRUM	PLOG1DRL
PEERLESS OG2	PLOG2
PEERLESS OG2 30X400G TUBES CASE	PLOG2C30
PEERLESS OG2 17KG PAIL	PLOG2P17
PEERLESS OG2 54KG LINED KEG	PLOG2KGL
PEERLESS OG2 175KG LINED DRUM	PLOG2DRL
PEERLESS OG2 RED	PLOG2R
PEERLESS OG2 RED 30X400G TUBES CASE	PLOG2RC30
PEERLESS OG2 RED 17KG PAIL	PLOG2RP17
PEERLESS OG2 RED 54KG LINED KEG	PLOG2RKGL
PEERLESS OG2 RED 175KG LINED DRUM	PLOG2RDRL
PEERLESS OG PLUS	PLOGP
PEERLESS OG PLUS 30X400G TUBES CASE	PLOGPC30
PEERLESS OG PLUS 54KG LINED KEG	PLOGPKGL
PEERLESS OG PLUS 175KG LINED DRUM	PLOGPDRL
PEERLESS 3 MOLY 322	PL3M322
PEERLESS 3 MOLY 322 30X400G TUBES CASE	PL3M322C30
PEERLESS 3 MOLY 322 54KG LINED KEG	PL3M322KGL

MINING GREASES	PAGE 28
Name	Part Numbers
VULTREX MPG SYNTHETIC ARCTIC	VULMPGA
VULTREX MPG SYNTHETIC ARCTIC 30X400G TUBES CASE	VULMPGAC30
VULTREX MPG SYNTHETIC ARCTIC 54KG KEG	VULMPGAKGL
VULTREX MPG SYNTHETIC ARCTIC 175KG DRUM	VULMPGADRL
VULTREX MPG SYNTHETIC ARCTIC GREASE BIN	VULMPGACBG
VULTREX MPG SYNTHETIC ARCTIC BULK	VULMPGABLK
VULTREX MPG EP1	VULMPG1
VULTREX MPG EP1 30X400G TUBES CASE	VULMPG1C30
VULTREX MPG EP1 54KG LINED KEG	VULMPG1KGL
VULTREX MPG EP1 175KG LINED DRUM	VULMPG1DRL
VULTREX MPG EP1 GREASE BIN	VULMPG1CBG
VULTREX MPG EP1 BULK	VULMPG1BLK
VULTREX MPG EP2	VULMPG2
VULTREX MPG EP2 30X400G TUBES CASE	VULMPG2C30
VULTREX MPG EP2 17KG PAIL	VULMPG2P17
VULTREX MPG EP2 54KG LINED KEG	VULMPG2KGL
VULTREX MPG EP2 175KG LINED DRUM	VULMPG2DRL
VULTREX MPG EP2 GREASE BIN	VULMPG2CBG
VULTREX OGL SYNTHETIC ALL SEASON 680	VULOGLS
VULTREX OGL SYNTHETIC ALL SEASON 680 54KG	VULOGLSKGL
VULTREX OGL SYNTHETIC ALL SEASON 680 175KG	VULOGLSDRL
VULTREX OGL SYNTHETIC ALL SEASON 680 BIN	VULOGLSCBG
VULTREX OGL SYNTHETIC ALL SEASON 680 BULK	VULOGLSBLK
VULTREX OGL HEAVY 6200	VUL6200
VULTREX OGL HEAVY 6200 54KG KEG	VUL6200K54
VULTREX OGL SYNTHETIC 2200	VUL2200
VULTREX OGL SYNTHETIC 2200 175KG DRUM	VUL2200DRL
VULTREX OGL SYNTHETIC 2200 GREASE BIN	VUL2200CBG
VULTREX OGL SYNTHETIC 2200 BULK	VUL2200BLK
VULTREX GEAR SHIELD NC	VULGSNC
VULTREX GEAR SHIELD NC 54KG LINED KEG	VULGSNCKGL
VULTREX GEAR SHIELD NC 175KG LINED DRUM	VULGSNCDRL
VULTREX GEAR SHIELD NC BULK	VULGSNCBLK

SPECIALTY GREASES	PAGE 32
Name	Part Numbers
PEERLESS LLG	PLLLG
PEERLESS LLG 30X400G TUBES CASE	PLLLGC30
PEERLESS LLG 17KG PAIL	PLLLGP17
PEERLESS LLG 54KG LINED KEG	PLLLGKGL
PEERLESS LLG 175KG LINED DRUM	PLLLGDRL
PEERLESS SVG 102	PLSVG
PEERLESS SVG 102 175KG LINED DRUM	PLSVGDRL
PEERLESS XCG-FLEX	PLXCG
PEERLESS XCG-FLEX 30X400G TUBES CASE	PLXCGC30
PEERLESS XCG-FLEX 17KG PAIL	PLXCGP17
PEERLESS XCG-FLEX 54KG LINED KEG	PLXCGKGL
PEERLESS XCG-FLEX 175KG LINED DRUM	PLXCGDRL
PRECISION SYNTHETIC EP00	PS00
PRECISION SYNTHETIC EP00 17KG PAIL	PS00P17
PRECISION SYNTHETIC EP00 54KG LINED KEG	PS00KGL
PRECISION SYNTHETIC EP00 175KG LINED DRUM	PS00DRL

PRECISION SYNTHETIC HEAVY 460	PSH
PRECISION SYNTHETIC HEAVY 460 30X400G TUBES CASE	PSHC30
PRECISION SYNTHETIC HEAVY 460 17KG PAIL	PSHP17
PRECISION SYNTHETIC HEAVY 460 54KG KEG	PSHKGL
PRECISION SYNTHETIC HEAVY 460 175KG DRUM	PSHDRL
PRECISION SYNTHETIC EMB	PSEMB
PRECISION SYNTHETIC EMB 30X400G TUBES CASE	PSEMBC30
PRECISION XL EMB	PXLEMB
PRECISION XL EMB 30X400G TUBES CASE	PXLEMBC30
PRECISION XL EMB 17KG PAIL	PXLEMBP17
PEERLESS POLY EMB	PLEMB
PEERLESS POLY EMB 30X400G TUBES CASE	PLEMBC30
PRECISION XL EP00	PXL00
PRECISION XL EP00 17KG PAIL	PXL00P17
PRECISION XL EP00 54KG LINED KEG	PXL00KGL
PRECISION XL EP00 175KG LINED DRUM	PXL00DRL
PRECISION XL EP000	PXL000
PRECISION XL EP000 17KG PAIL	PXL000P17
PRECISION XL EP000 175KG LINED DRUM	PXL000DRL
PRECISION XL HEAVY-DUTY	PXLHD
PRECISION XL HEAVY-DUTY 175KG LINED DRUM	PXLHDDRL
PRECISION XL HEAVY-DUTY GREASE BIN	PXLHDCBG
PRECISION XL RAIL CURVE GREASE	PXLRG
PRECISION XL RAIL CURVE GREASE 17KG PAIL	PXLRGCP17
PRECISION XL RAIL CURVE GREASE 175KG DRUM	PXLRGCDRL
PRECISION XL RAIL CURVE GREASE BIN 1700KG	PXLRGCBG
THERMEX	THRMX
THERMEX 30X400G TUBES CASE	THRMC30
THERMEX 17KG PAIL	THRMP17
THERMEX 175KG LINED DRUM	THRMDRL
VULTREX API MODIFIED THREAD COMPOUND	VULTHR
VULTREX API MOD THREAD COMP 17KG PAIL	VULTHRDP17
VULTREX DRILL ROD HEAVY	VULDRD
VULTREX DRILL ROD HEAVY 17KG PAIL	VULDRDP17
VULTREX DRILL ROD HEAVY 175KG LINED DRUM	VULDRDDRL
VULTREX G-123	VULG123
VULTREX G-123 30X400G TUBES CASE	VULG123C30
VULTREX G-123 54KG LINED KEG	VULG123KGL
VULTREX G-124	VULG124
VULTREX G-124 30X400G TUBES CASE	VULG124C30
VULTREX G-124 54KG LINED KEG	VULG124KGL
VULTREX G-124 175KG LINED DRUM	VULG124DRL
VULTREX ROCK DRILL EP000	VULRD
VULTREX ROCK DRILL EP000 17KG PAIL	VULRDP17

INDUSTRIAL GEAR OILS	PAGE 36
Name	Part Numbers
ENDURATEX EP 32	ENT32
ENDURATEX EP 32 205L DRUM	ENT32DRM
ENDURATEX EP 68	ENT68
ENDURATEX EP 68 20L PAIL	ENT68P20
ENDURATEX EP 68 205L DRUM	ENT68DRM
ENDURATEX EP 68 BULK	ENT68BLK
ENDURATEX EP 100	ENT100
ENDURATEX EP 100 20L PAIL	ENT100P20
ENDURATEX EP 100 205L DRUM	ENT100DRM
ENDURATEX EP 100 BULK	ENT100BLK
ENDURATEX EP 150	ENT150
ENDURATEX EP 150 20L PAIL	ENT150P20
ENDURATEX EP 150 205L DRUM	ENT150DRM
ENDURATEX EP 150 1040L IBC	ENT150IBC
ENDURATEX EP 150 BULK	ENT150BLK

ENDURATEX EP 220
ENDURATEX EP 220 20L PAIL
ENDURATEX EP 220 205L DRUM
ENDURATEX EP 220 1040L IBC
ENDURATEX EP 220 BULK
ENDURATEX EP 320
ENDURATEX EP 320 20L PAIL
ENDURATEX EP 320 205L DRUM
ENDURATEX EP 320 BULK
ENDURATEX EP 460
ENDURATEX EP 460 20L PAIL
ENDURATEX EP 460 205L DRUM
ENDURATEX EP 460 BULK
ENDURATEX EP 680
ENDURATEX EP 680 20L PAIL
ENDURATEX EP 680 205L DRUM
ENDURATEX EP 1000
ENDURATEX EP 1000 205L DRUM
ENDURATEX XL SYNTHETIC BLEND 68/150
ENDURATEX XL SYNTHETIC BLEND 68/150 205L DRUM
ENDURATEX XL SYNTHETIC BLEND 68/150 1040L IBC
ENDURATEX XL SYNTHETIC BLEND 68/150 BULK
ENDURATEX XL SYNTHETIC BLEND 68/220
ENDURATEX XL SYNTHETIC BLEND 68/220 20L PAIL
ENDURATEX XL SYNTHETIC BLEND 68/220 205L DRUM
ENDURATEX XL SYNTHETIC BLEND 68/220 BULK
ENDURATEX SYNTHETIC EP 150
ENDURATEX SYNTHETIC EP 150 20L PAIL
ENDURATEX SYNTHETIC EP 150 205L DRUM
ENDURATEX SYNTHETIC EP 150 1040L IBC
ENDURATEX SYNTHETIC EP 220
ENDURATEX SYNTHETIC EP 220 20L PAIL
ENDURATEX SYNTHETIC EP 220 205L DRUM
ENDURATEX SYNTHETIC EP 220 1040L IBC
ENDURATEX SYNTHETIC EP 320
ENDURATEX SYNTHETIC EP 320 20L PAIL
ENDURATEX SYNTHETIC EP 320 205L DRUM
ENDURATEX SYNTHETIC EP 320 1040L IBC
ENDURATEX SYNTHETIC EP 460
ENDURATEX SYNTHETIC EP 460 20L PAIL
ENDURATEX SYNTHETIC EP 460 205L DRUM
ENDURATEX SYNTHETIC OHV 680
ENDURATEX SYNTHETIC OHV 680 20L PAIL
ENDURATEX SYNTHETIC OHV 680 1040L IBC
ENDURATEX MILD WORM GEAR OIL 460
ENDURATEX MILD WORM GEAR OIL 460 20L PAIL
ENDURATEX MILD WORM GEAR OIL 460 205L DRUM
ENDURATEX MILD WORM GEAR OIL 460 BULK
ENDURATEX MILD WORM GEAR OIL 680
ENDURATEX MILD WORM GEAR OIL 680 205L DRUM
ENDURATEX MILD WORM GEAR OIL 1000
ENDURATEX MILD WORM GEAR OIL 1000 205L DRUM
SYNDURO SHB 32 SYNTHETIC FLUID
SYNDURO SHB 32 SYNTHETIC FLUID 20L PAIL
SYNDURO SHB 32 SYNTHETIC FLUID 205L DRUM
SYNDURO SHB 46 SYNTHETIC FLUID
SYNDURO SHB 46 SYNTHETIC FLUID 20L PAIL
SYNDURO SHB 46 SYNTHETIC FLUID 205L DRUM
SYNDURO SHB 68 SYNTHETIC FLUID
SYNDURO SHB 68 SYNTHETIC FLUID 20L PAIL
SYNDURO SHB 68 SYNTHETIC FLUID 205L DRUM

ENT220
ENT220P20
ENT220DRM
ENT220IBC
ENT220BLK
ENT320
ENT320P20
ENT320DRM
ENT320BLK
ENT460
ENT460P20
ENT460DRM
ENT460BLK
ENT680
ENT680P20
ENT680DRM
ENT1000
ENT1000DRM
ENT6815
ENT6815DRM
ENT6815IBC
ENT6815BLK
ENT6822
ENT6822P20
ENT6822DRM
ENT6822BLK
ENTS150
ENTS150P20
ENTS150DRM
ENTS150IBC
ENTS220
ENTS220P20
ENTS220DRM
ENTS220IBC
ENTS320
ENTS320P20
ENTS320DRM
ENTS320IBC
ENTS460
ENTS460P20
ENTS460DRM
ENTS680
ENTS680P20
ENTS680IBC
ENTW460
ENTW460P20
ENTW460DRM
ENTW460BLK
ENTW680
ENTW680DRM
ENTW1000
ENTW1000DRM
SYND32
SYND32P20
SYND32DRM
SYND46
SYND46P20
SYND46DRM
SYND68
SYND68P20
SYND68DRM

SYNDR150
SYNDR150P20
SYNDR150DRM
SYND220
SYND220P20
SYND220DRM
SYND460
SYND460DRM

INDUSTRIAL HYDRAULIC FLUIDS **PAGE 38**

Name	Part Numbers
HYDREX AW 22	HDXAW22
HYDREX AW 22 HYDRAULIC OIL 20L PAIL	HDXAW22P20
HYDREX AW 22 HYDRAULIC OIL 205L DRUM	HDXAW22DRM
HYDREX AW 22 HYDRAULIC OIL BULK	HDXAW22BLK
HYDREX AW 32	HDXAW32
HYDREX AW 32 HYDRAULIC OIL 20L PAIL	HDXAW32P20
HYDREX AW 32 HYDRAULIC OIL 205L DRUM	HDXAW32DRM
HYDREX AW 32 HYDRAULIC OIL IBC	HDXAW32IBC
HYDREX AW 32 HYDRAULIC OIL BULK	HDXAW32BLK
HYDREX AW 46	HDXAW46
HYDREX AW 46 HYDRAULIC OIL 20L PAIL	HDXAW46P20
HYDREX AW 46 HYDRAULIC OIL 205L DRUM	HDXAW46DRM
HYDREX AW 46 HYDRAULIC OIL IBC	HDXAW46IBC
HYDREX AW 46 HYDRAULIC OIL BULK	HDXAW46BLK
HYDREX AW 68	HDXAW68
HYDREX AW 68 HYDRAULIC OIL 20L PAIL	HDXAW68P20
HYDREX AW 68 HYDRAULIC OIL 205L DRUM	HDXAW68DRM
HYDREX AW 68 HYDRAULIC OIL 1040L IBC	HDXAW68IBC
HYDREX AW 68 HYDRAULIC OIL BULK	HDXAW68BLK
HYDREX AW 80	HDXAW80
HYDREX AW 80 HYDRAULIC OIL BULK	HDXAW80BLK
HYDREX AW 100	HDXAW100
HYDREX AW 100 HYDRAULIC OIL 20L PAIL	HDXAW100P20
HYDREX AW 100 HYDRAULIC OIL 205L DRUM	HDXAW100DRM
HYDREX AW 100 HYDRAULIC OIL 1040L IBC	HDXAW100IBC
HYDREX AW 100 HYDRAULIC OIL BULK	HDXAW100BLK
HYDREX MV 22	HDXMV22
HYDREX MV 22 HYDRAULIC OIL 20L PAIL	HDXMV22P20
HYDREX MV 22 HYDRAULIC OIL 205L DRUM	HDXMV22DRM
HYDREX MV 22 HYDRAULIC OIL 1040L IBC	HDXMV22IBC
HYDREX MV 22 HYDRAULIC OIL BULK	HDXMV22BLK
HYDREX MV 32	HDXMV32
HYDREX MV 32 HYDRAULIC OIL 20L PAIL	HDXMV32P20
HYDREX MV 32 HYDRAULIC OIL 205L DRUM	HDXMV32DRM
HYDREX MV 32 HYDRAULIC OIL 1040L IBC	HDXMV32IBC
HYDREX MV 32 HYDRAULIC OIL BULK	HDXMV32BLK
HYDREX MV 46	HDXMV46
HYDREX MV 46 HYDRAULIC OIL 20L PAIL	HDXMV46P20
HYDREX MV 46 HYDRAULIC OIL 205L DRUM	HDXMV46DRM
HYDREX MV 46 HYDRAULIC OIL 1040L IBC	HDXMV46IBC
HYDREX MV 46 HYDRAULIC OIL BULK	HDXMV46BLK
HYDREX MV 68	HDXMV68
HYDREX MV 68 HYDRAULIC OIL 20L PAIL	HDXMV68P20
HYDREX MV 68 HYDRAULIC OIL 205L DRUM	HDXMV68DRM
HYDREX MV 68 HYDRAULIC OIL 1040L IBC	HDXMV68IBC
HYDREX MV 68 HYDRAULIC OIL BULK	HDXMV68BLK
HYDREX XV ALL SEASON	HDXAS
HYDREX XV ALL SEASON HYDRAULIC OIL 4X4 CASE	HDXASC16
HYDREX XV ALL SEASON HYDRAULIC OIL 20L PAIL	HDXASP20
HYDREX XV ALL SEASON HYDRAULIC OIL 205L DRUM	HDXASDRM
HYDREX XV ALL SEASON HYDRAULIC OIL IBC	HDXASIBC
HYDREX XV ALL SEASON HYDRAULIC OIL BULK	HDXASBLK

HYDREX EXTREME
HYDREX EXTREME 20L PAIL
HYDREX EXTREME 205L DRUM
HYDREX EXTREME 1040L IBC
HYDREX MV ARCTIC 15 HYDRAULIC OIL
HYDREX MV ARCTIC 15 HYDRAULIC OIL 20L
HYDREX MV ARCTIC 15 HYDRAULIC OIL 205L
HYDREX MV ARCTIC 15 HYDRAULIC 1040L IBC
HYDREX MV ARCTIC 15 HYDRAULIC OIL BULK
HYDREX DT 46 HYDRAULIC OIL
HYDREX DT 46 HYDRAULIC OIL 205L DRUM
HYDREX DT 46 HYDRAULIC OIL BULK
ENVIRON AW 32
ENVIRON AW 32 20L PAIL
ENVIRON AW 32 205L DRUM
ENVIRON AW 32 BULK
ENVIRON AW 46
ENVIRON AW 46 20L PAIL
ENVIRON AW 46 205L DRUM
ENVIRON AW 46 205L 1040L IBC
ENVIRON AW 46 BULK
ENVIRON AW 68
ENVIRON AW 68 205L DRUM
ENVIRON AW 68 205L 1040L IBC
ENVIRON AW 68 BULK
ENVIRON MV 32
ENVIRON MV 32 20L PAIL
ENVIRON MV 32 205L DRUM
ENVIRON MV 32 1040L IBC
ENVIRON MV 32 BULK
ENVIRON MV 46
ENVIRON MV 46 20L PAIL
ENVIRON MV 46 205L DRUM
ENVIRON MV 46 1040L IBC
ENVIRON MV 46 BULK

HDXEXT
HDXEXTP20
HDXEXTDRM
HDXEXTIBC
HDXAR15
HDXAR15P20
HDXAR15DRM
HDXAR15IBC
HDXAR15BLK
HDXDT46
HDXDT46DRM
HDXDT46BLK
ENVAW32
ENVAW32P20
ENVAW32DRM
ENVAW32BLK
ENVAW46
ENVAW46P20
ENVAW46DRM
ENVAW46IBC
ENVAW46BLK
ENVAW68
ENVAW68DRM
ENVAW68IBC
ENVAW68BLK
ENVMV32
ENVMV32P20
ENVMV32DRM
ENVMV32IBC
ENVMV32BLK
ENVMV46
ENVMV46P20
ENVMV46DRM
ENVMV46IBC
ENVMV46BLK

TURBINE FLUIDS & WIND TURBINE GEAR OILS **PAGE 40**

Name	Part Numbers
TURBOFLO R&O 10	TFRO10
TURBOFLO R&O 10 20L PAIL	TFRO10P20
TURBOFLO R&O 10 205L DRUM	TFRO10DRM
TURBOFLO R&O 10 1040L IBC	TFRO10IBC
TURBOFLO R&O 10 BULK	TFRO10BLK
TURBOFLO R&O 22	TFRO22
TURBOFLO R&O 22 20L PAIL	TFRO22P20
TURBOFLO R&O 22 205L DRUM	TFRO22DRM
TURBOFLO R&O 22 BULK	TFRO22BLK
TURBOFLO R&O 32	TFRO32
TURBOFLO R&O 32 20L PAIL	TFRO32P20
TURBOFLO R&O 32 205L DRUM	TFRO32DRM
TURBOFLO R&O 32 1040L IBC	TFRO32IBC
TURBOFLO R&O 32 BULK	TFRO32BLK
TURBOFLO R&O 46	TFRO46
TURBOFLO R&O 46 20L PAIL	TFRO46P20
TURBOFLO R&O 46 205L DRUM	TFRO46DRM
TURBOFLO R&O 46 1040L IBC	TFRO46IBC
TURBOFLO R&O 46 BULK	TFRO46BLK
TURBOFLO R&O 68	TFRO68
TURBOFLO R&O 68 20L PAIL	TFRO68P20
TURBOFLO R&O 68 205L DRUM	TFRO68DRM
TURBOFLO R&O 68 BULK	TFRO68BLK

TURBOFLO R&O 100
TURBOFLO R&O 100 20L PAIL
TURBOFLO R&O 100 205L DRUM
TURBOFLO R&O 100 BULK
TURBOFLO R&O 150
TURBOFLO R&O 150 20L PAIL
TURBOFLO R&O 150 205L DRUM
TURBOFLO R&O 150 BULK
TURBOFLO R&O 220
TURBOFLO R&O 220 20L PAIL
TURBOFLO R&O 220 205L DRUM
TURBOFLO R&O 220 1040L IBC
TURBOFLO R&O 220 BULK
TURBOFLO R&O 320
TURBOFLO R&O 320 205L DRUM
TURBOFLO R&O 320 BULK
TURBOFLO R&O 460
TURBOFLO R&O 460 20L PAIL
TURBOFLO R&O 460 205L DRUM
TURBOFLO R&O 460 1040L IBC
TURBOFLO R&O 460 BULK
TURBOFLO LV 32
TURBOFLO LV 32 205L DRUM
TURBOFLO LV 32 1040L IBC
TURBOFLO LV 32 BULK
TURBOFLO LV 46
TURBOFLO LV 46 205L DRUM
TURBOFLO LV 46 1040L IBC
TURBOFLO LV 46 BULK
TURBOFLO EP 32
TURBOFLO EP 32 205L DRUM
TURBOFLO EP 32 BULK
TURBOFLO EP 46
TURBOFLO EP 46 205L DRUM
TURBOFLO EP 46 1040L IBC
TURBOFLO EP 46 BULK
TURBOFLO XL 32
TURBOFLO XL 32 20L PAIL
TURBOFLO XL 32 205L DRUM
TURBOFLO XL 32 1040L IBC
TURBOFLO XL 32 BULK
TURBOFLO XL 46
TURBOFLO XL 46 20L PAIL
TURBOFLO XL 46 205L DRUM
TURBOFLO XL 46 1040L IBC
TURBOFLO XL 46 BULK
TURBOFLO XL 68
TURBOFLO XL 68 20L PAIL
TURBOFLO XL 68 205L DRUM
TURBONYCOIL 600
TURBONYCOIL 600 55 USG DRUM EXPORT
HARNEX 320 WIND TURBINE GEAR OIL
HARNEX 320 205L DRUM
PREMIUM R&O 77
PREMIUM R&O 77 OIL 205L DRUM

TFRO100
TFRO100P20
TFRO100DRM
TFRO100BLK
TFRO150
TFRO150P20
TFRO150DRM
TFRO150BLK
TFRO220
TFRO220P20
TFRO220DRM
TFRO220IBC
TFRO220BLK
TFRO320
TFRO320DRM
TFRO320BLK
TFRO460
TFRO460P20
TFRO460DRM
TFRO460IBC
TFRO460BLK
TFLV32
TFLV32DRM
TFLV32IBC
TFLV32BLK
TFLV46
TFLV46DRM
TFLV46IBC
TFLV46BLK
TFEP32
TFEP32DRM
TFEP32BLK
TFEP46
TFEP46DRM
TFEP46IBC
TFEP46BLK
TFXL32
TFXL32P20
TFXL32DRM
TFXL32IBC
TFXL32BLK
TFXL46
TFXL46P20
TFXL46DRM
TFXL46IBC
TFXL46BLK
TFXL68
TFXL68P20
TFXL68DRM
TN600
TN600DRU
HNX320
HNX320DRM
HAR77
HAR77DRM

STATIONARY GAS ENGINE OILS		PAGE 42
Name	Part Numbers	
SENTRON ASHLESS 40	STL541	
SENTRON ASHLESS 40 205L DRUM	STL541DRM	
SENTRON ASHLESS 40 205L PLASTIC DRUM	STL541DRP	
SENTRON ASHLESS 40 BULK	STL541BLK	
SENTRON LD 5000	STN5LD	
SENTRON LD 5000 20L PAIL	STN5LDP20	
SENTRON LD 5000 20L EURO PAIL	STN5LDJ20	
SENTRON LD 5000 205L DRUM	STN5LDDRM	
SENTRON LD 5000 205L PLASTIC DRUM	STN5LDDRP	
SENTRON LD 5000 1040L IBC	STN5LDBIC	
SENTRON LD 5000 BULK	STN5LDBLK	
SENTRON LD SYNTHETIC BLEND	STNLDSB	
SENTRON LD SYNTHETIC BLEND 20 L PAIL	STNLDSBP20	
SENTRON LD SYNTHETIC BLEND 205L DRUM	STNLDSBDRM	
SENTRON LD SYNTHETIC BLEND 1040L IBC	STNLDSBIBC	
SENTRON CG 40 PLUS	STNCGP	
SENTRON CG 40 PLUS 205L DRUM	STNCGPDRM	
SENTRON CG 40 PLUS 1040L IBC	STNCGPIBC	
SENTRON CG 40 PLUS BULK	STNCGPBLK	
SENTRON LD 3000	STN3LD	
SENTRON LD 3000 20L PAIL	STN3LDP20	
SENTRON LD 3000 205L DRUM	STN3LDDRM	
SENTRON LD 3000 205L PLASTIC DRUM	STN3LDDRP	
SENTRON LD 3000 BULK	STN3LDBLK	
SENTRON LD 8000	STN8LD	
SENTRON LD 8000 20L PAIL	STN8LDP20	
SENTRON LD 8000 20L EURO PAIL	STN8LDJ20	
SENTRON LD 8000 205L DRUM	STN8LDDRM	
SENTRON LD 8000 205L PLASTIC DRUM	STN8LDDRP	
SENTRON LD 8000 1040L IBC	STN8LDIBC	
SENTRON LD 8000 BULK	STN8LDBLK	
SENTRON CG 40	STLCG	
SENTRON CG 40 20L EURO PAIL	STLCGJ20	
SENTRON CG 40 205L DRUM	STLCGDRM	
SENTRON CG 40 1040L IBC	STLCGIBC	
SENTRON CG 40 BULK	STLCGBLK	
SENTRON MID ASH 40	STNMA40	
SENTRON MID ASH 40 205L DRUM	STNMA40DRM	
SENTRON MID ASH 40 205L PLASTIC DRUM	STNMA40DRP	
SENTRON MID ASH 40 BULK	STNMA40BLK	
SENTRON SP 40	STNSP40	
SENTRON SP 40 205L DRUM	STNSP40DRM	
SENTRON SP 40 1040L IBC	STNSP40IBC	
SENTRON SP 40 BULK	STNSP40BLK	
SENTRON VLA 40	STVLA40	
SENTRON VLA 40 205L PLASTIC DRUM	STVLA40DRP	
SENTRON VLA 40 BULK	STVLA40BLK	
SENTRON VTP 10W-40	STN14C	
SENTRON VTP 10W-40 4X4L CASE	STN14C16	
SENTRON VTP 10W-40 20L PAIL	STN14P20	
SENTRON VTP 10W-40 205L DRUM	STN14DRM	
SENTRON VTP 10W-40 1040L IBC	STN14IBC	
SENTRON VTP 10W-40 BULK	STN14BLK	
SENTRON VTP 0W-30	STNF03	
SENTRON VTP 0W-30 4X4L CASE	STNF03C16	
SENTRON VTP 0W-30 20L PAIL	STNF03P20	
SENTRON VTP 0W-30 205L DRUM	STNF03DRM	
SENTRON VTP 0W-30 1040L IBC	STNF03IBC	

COMPRESSOR FLUIDS		PAGE 44
Name	Part Numbers	
SENTRON VTP 10W-40 PLUS	STNF14P	
SENTRON VTP10W-40 PLUS 4X4L CASE	STNF14PC16	
SENTRON VTP10W-40 PLUS 20 L PAIL	STNF14PP20	
COMPRO COMPRESSOR FLUID 32	CP32	
COMPRO COMPRESSOR FLUID 32 20L PAIL	CP32P20	
COMPRO COMPRESSOR FLUID 32 205L DRUM	CP32DRM	
COMPRO COMPRESSOR FLUID 68	CP68	
COMPRO COMPRESSOR FLUID 68 20L PAIL	CP68P20	
COMPRO COMPRESSOR FLUID 68 205L DRUM	CP68DRM	
COMPRO SYNTHETIC COMPRESSOR FLUID	CPSYN32	
COMPRO SYNTHETIC COMPRESSOR FLUID 5 USG PAIL	CPSYN32P5U	
COMPRO SYNTHETIC COMPRESSOR FLUID 208L DRUM	CPSYN32DRU	
COMPRO SYNTHETIC COMPRESSOR FLUID 1040L IBC	CPSYN32IBC	
COMPRO XL-R COMPRESSOR FLUID	CPXR	
COMPRO XL-R COMPRESSOR FLUID 20L PAIL	CPXRP20	
COMPRO XL-R COMPRESSOR FLUID 205L DRUM	CPXRDRM	
COMPRO XL-S COMPRESSOR FLUID 32	CPXS32	
COMPRO XL-S COMPRESSOR FLUID 32 20L PAIL	CPXS32P20	
COMPRO XL-S COMPRESSOR FLUID 32 205L DRUM	CPXS32DRM	
COMPRO XL-S COMPRESSOR FLUID 32 BULK	CPXS32BLK	
COMPRO XL-S COMPRESSOR FLUID 46	CPXS46	
COMPRO XL-S COMPRESSOR FLUID 46 20L PAIL	CPXS46P20	
COMPRO XL-S COMPRESSOR FLUID 46 205L DRUM	CPXS46DRM	
COMPRO XL-S COMPRESSOR FLUID 46 BULK	CPXS46BLK	
COMPRO XL-S COMPRESSOR FLUID 68	CPXS68	
COMPRO XL-S COMPRESSOR FLUID 68 20L PAIL	CPXS68P20	
COMPRO XL-S COMPRESSOR FLUID 68 205L DRUM	CPXS68DRM	
COMPRO XL-S COMPRESSOR FLUID 68 205L DRUM	CPXS68BLK	
COMPRO XL-S COMPRESSOR FLUID 100	CPXS100	
COMPRO XL-S COMPRESSOR FLUID 100 20L PAIL	CPXS100P20	
COMPRO XL-S COMPRESSOR FLUID 100 205L DRUM	CPXS100DRM	
COMPRO XL-S COMPRESSOR FLUID 150	CPXS150	
COMPRO XL-S COMPRESSOR FLUID 150 20L PAIL	CPXS150P20	
COMPRO XL-S COMPRESSOR FLUID 150 205L DRUM	CPXS150DRM	
COMPRESSOR OIL RP 268	CRP268	
COMPRESSOR OIL RP 268 205L DRUM	CRP268DRM	
COMPRESSOR OIL RP 268 205L PLASTIC DRUM	CRP268DRP	
COMPRESSOR OIL RP 268 BULK	CRP268BLK	
COMPRESSOR OIL RP460	CMP460C	
COMPRESSOR OIL RP460 205L DRUM	CMP460CDRM	
NGS 1000	NGS1000	
NGS 1000 5 USG PAIL	NGS1000P5U	
NGS 1000 208L DRUM	NGS1000DRU	
NGS 1000 1040L IBC	NGS1000IBC	
NGS 1500	NGS1500	
NGS 1500 55 USG DRUM	NGS1500DRU	
NGS 1500 5 USG PAIL	NGS1500P5U	

NG COMPOIL AW 150
NG COMPOIL AW 150 20L PAIL
NG COMPOIL AW 150 205L DRUM
NG COMPOIL AW 220
NG COMPOIL AW 220 20L PAIL
NG COMPOIL AW 220 205L DRUM
NG SCREW COMPOIL 100
NG SCREW COMPOIL 100 5 USG PAIL
NG SCREW COMPOIL 100 55 USG DRUM EXPORT
NG SCREW COMPOIL 150
NG SCREW COMPOIL 150 5 USG PAIL
NG SCREW COMPOIL 150 55 USG DRUM EXPORT

NG COMPOIL PAO 150
NG COMPOIL PAO 150 5 USG PAIL
NG COMPOIL PAO 150 55 USG DRUM EXPORT

SPX 5000
SPX 5000 5 USG PAIL
SPX 5000 208L DRUM

SPX 7000
SPX 7000 5 USG PAIL
SPX 7000 208L DRUM
SPX 7000 1040L IBC

SPX 7100
SPX 7100 5 USG PAIL
SPX 7100 208L DRUM

SPX 7220
SPX 7220 5 USG PAIL
SPX 7220 55 USG DRUM EXPORT

REFLO 46A AMMONIA OIL
REFLO 46A AMMONIA OIL 205L DRUM

REFLO 68A AMMONIA OIL
REFLO 68A AMMONIA OIL 20L PAIL
REFLO 68A AMMONIA OIL 205L DRUM
REFLO 68A AMMONIA OIL 1040L IBC
REFLO 68A AMMONIA OIL BULK

REFLO CFC
REFLO CFC 20L PAIL
REFLO CFC 205L DRUM

REFLO SYNTHETIC 68A LOW TEMP FLUID
REFLO SYNTHETIC 68A LOW TEMP FLUID 55 USG DRUM
REFLO SYNTHETIC 68A LOW TEMP FLUID 20L PAIL

REFLO XL SYNTHETIC BLEND
REFLO XL SYNTHETIC BLEND 20L PAIL
REFLO XL SYNTHETIC BLEND 205L DRUM

HEAT TRANSFER FLUIDS	PAGE 48
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Name	Part Numbers
PURITY FG HEAT TRANSFER FLUID	PFHTF
PURITY FG HEAT TRANSFER FLUID 20L PAIL	PFHTFP20
PURITY FG HEAT TRANSFER FLUID 205L DRUM	PFHTFDRX
PURITY FG HEAT TRANSFER FLUID IBC	PFHTFIBC

CALFLO AF
CALFLO AF 20L PAIL
CALFLO AF 205L DRUM
CALFLO AF 1040L IBC
CALFLO AF BULK

CALFLO HTF
CALFLO HTF 205L DRUM
CALFLO HTF BULK

CALFLO LT
CALFLO LT 205L DRUM
CALFLO LT 1040L IBC
CALFLO LT BULK

NGAW150
NGAW150P20
NGAW150DRM
NGAW220
NGAW220P20
NGAW220DRM
NGCO100
NGCO100P5U
NGCO100DRU
NGCO150
NGCO150P5U
NGCO150DRU

NGPA150
NGPA150P5U
NGPA150DRU

SPX5000
SPX5000P5U
SPX5000DRU

SPX7000
SPX7000P5U
SPX7000DRU
SPX7000IBC

SPX7100
SPX7100P5U
SPX7100DRU

SPX7220
SPX7220P5U
SPX7220DRU

REFL46A
REFL46ADRX

REFL68A
REFL68AP20
REFL68ADRM
REFL68AIBC
REFL68ABLK

REFLFCFC
REFLFCFCP20
REFLFCFCDRM

RFSY68A
RFSY68ADRU

RFLXLA
RFLXLAP20
RFLXLADRM

HEAT TRANSFER FLUIDS	PAGE 48
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Name	Part Numbers
PURITY FG HEAT TRANSFER FLUID	PFHTF
PURITY FG HEAT TRANSFER FLUID 20L PAIL	PFHTFP20
PURITY FG HEAT TRANSFER FLUID 205L DRUM	PFHTFDRX
PURITY FG HEAT TRANSFER FLUID IBC	PFHTFIBC

CALAF
CALAFP20
CALAFDRM
CALAFIBC
CALAFBLK

CALHTF
CALHTFDRM
CALHTFBLK

CALLT
CALLTDRM
CALLTIBC
CALLTBLK

CALFLO SYNTHETIC
CALFLO SYNTHETIC 20L PAIL
CALFLO SYNTHETIC 205L DRUM
CALFLO SYNTHETIC 1040L IBC

PETRO-THERM
PETRO-THERM 205L DRUM
PETRO-THERM 1040L IBC
PETRO-THERM BULK

PETRO-THERM PPD
PETRO-THERM PPD 205L DRUM
PETRO-THERM PPD BULK

FOOD GRADE LUBRICANTS	PAGE 52
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Name	Part Numbers
PURITY FG GREASES	

PURITY FG00 GREASE	PFG00
PURITY FG00 17KG PAIL	PFG00P17

PURITY FG1 GREASE	PFG1
PURITY FG1 GREASE 30X400G TUBES CASE	PFG1C30
PURITY FG1 GREASE 17KG PAIL	PFG1P17
PURITY FG1 GREASE 54KG LINED KEG	PFG1KGL

PURITY FG2 GREASE	PFG2
PURITY FG2 30X400G TUBES CASE	PFG2C30
PURITY FG2 17KG PAIL	PFG2P17
PURITY FG2 54KG LINED KEG	PFG2KGL
PURITY FG2 175KG LINED DRUM	PFG2DRL

PURITY FG2 WITH MICROL MAX GREASE	PFGMICM
PURITY FG2 WITH MICROL MAX 30X400G TUBES CASE	PFGMICM30

PURITY FG2 WITH MICROL MAX 17KG PAIL	PFGMICMP17
PURITY FG2 WITH MICROL MAX 54KG LINED KEG	PFGMICMGL

PURITY FG2 EXTREME GREASE	PFGEX2
PURITY FG2 EXTREME 30X400G TUBES CASE	PFGEX2C30
PURITY FG2 EXTREME 17KG PAIL	PFGEX2P17
PURITY FG2 EXTREME 54KG KEG	PFGEX2KGL
PURITY FG2 EXTREME 175KG DRUM	PFGEX2DRL

PURITY FG2 CLEAR GREASE	PFGCL2
PURITY FG2 CLEAR 30X400G TUBES CASE	PFGCL2C30
PURITY FG2 CLEAR 17KG PAIL	PFGCL2P17
PURITY FG2 CLEAR 54KG LINED KEG	PFGCL2KGL
PURITY FG2 CLEAR 175KG DRUM	PFGCL2DRL

PURITY FG2 SYNTHETIC GREASE	PFGSYN2
PURITY FG2 SYNTHETIC 30X400G TUBES CASE	PFGSYN2C30
PURITY FG2 SYNTHETIC 17KG PAIL	PFGSYN2P17
PURITY FG2 SYNTHETIC 54KG LINED KEG	PFGSYN2KGL
PURITY FG2 SYNTHETIC 175KG LINED DRUM	PFGSYN2DRL

PURITY FG2 SYNTHETIC HEAVY 220 GREASE	PFGSN2H
PURITY FG2 SYNTHETIC HEAVY 220 30X400G TUBES CASE	PFGSN2HC30
PURITY FG2 SYNTHETIC HEAVY 220 54KG LINED KEG	PFGSN2HKGL
PURITY FG2 SYNTHETIC HEAVY 220 175 KG LINED DRUM	PFGSN2HDRL

PURITY FG FLUIDS	
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PURITY FG AW HYDRAULIC FLUID 32	PFAW32
PURITY FG AW HYDRAULIC FLUID 32 20L PAIL	PFAW32P20
PURITY FG AW HYDRAULIC FLUID 32 205L DRUM	PFAW32DRX
PURITY FG AW HYDRAULIC FLUID 32 1040L IBC	PFAW32IBC

PURITY FG AW HYDRAULIC FLUID WITH MICROL 32	PFAW32
PURITY FG AW HYDRAULIC WITH MICROL 32 205L DRUM	PFAW32DRX

PURITY FG AW HYDRAULIC FLUID 46	PFAW46
PURITY FG AW HYDRAULIC FLUID 46 20L PAIL	PFAW46P20
PURITY FG AW HYDRAULIC FLUID 46 205L DRUM	PFAW46DRX
PURITY FG AW HYDRAULIC FLUID 46 1040L IBC	PFAW46IBC

CALSYNA
CALSYNAP20
CALSYNADRM
CALSYNAIBC
PTHERM
PTHERMDRM
PTHERMIBC
PTHERMLBK
PTHERMP
PTHERMPDRM
PTHERMPBLK

FOOD GRADE LUBRICANTS	PAGE 52
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Name	Part Numbers
PURITY FG AW HYDRAULIC WITH MICROL 46	

PURITY FG AW HYDRAULIC WITH MICROL 46 205L DRUM	PFAW46DRX
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PURITY FG-X AW HYDRAULIC FLUID 46	PFXAW46
PURITY FG-X AW HYDRAULIC FLUID 46 20L PAIL	PFXAW46P20
PURITY FG-X AW HYDRAULIC FLUID 46 205L DRUM	PFXAW46DRX
PURITY FG-X AW HYDRAULIC FLUID 46 1040L IBC	PFXAW46IBC

PURITY FG AW HYDRAULIC FLUID 68	PFAW68
PURITY FG AW HYDRAULIC FLUID 68 20L PAIL	PFAW68P20
PURITY FG AW HYDRAULIC FLUID 68 205L DRUM	PFAW68DRX
PURITY FG AW HYDRAULIC FLUID 68 1040L IBC	PFAW68IBC

PURITY FG AW HYDRAULIC WITH MICROL 68	PFAW68
PURITY FG AW HYDRAULIC WITH MICROL 68 205L DRUM	PFAW68DRX

PURITY FG AW HYDRAULIC FLUID 100	PFAW100
PURITY FG AW HYDRAULIC FLUID 100 205L DRUM	PFAW100DRX

PURITY FG EP GEAR FLUID 100	PFEP100
PURITY FG EP GEAR FLUID 100 20L PAIL	PFEP100P20
PURITY FG EP GEAR FLUID 100 205L DRUM	PFEP100DRX
PURITY FG EP GEAR FLUID 100 1040L IBC	PFEP100IBC T T

PURITY FG EP GEAR FLUID 150	PFEP150
PURITY FG EP GEAR FLUID 150 20L PAIL	PFEP150P20
PURITY FG EP GEAR FLUID 150 205L DRUM	PFEP150DRX

PURITY FG EP GEAR FLUID 220	PFEP220
PURITY FG EP GEAR FLUID 220 20L PAIL	PFEP220P20
PURITY FG EP GEAR FLUID 220 205L DRUM	PFEP220DRX

PURITY FG SYNTHETIC EP GEAR FLUID 220	PFSN220
PURITY FG SYNTHETIC EP GEAR FLUID 220 20L PAIL	PFSN220P20
PURITY FG SYNTHETIC EP GEAR FLUID 220 208L DRUM	PFSN220DRU

PURITY FG EP GEAR FLUID 320	PFEP320
PURITY FG EP GEAR FLUID 320 20L PAIL	PFEP320P20
PURITY FG EP GEAR FLUID 320 205L DRUM	PFEP320DRX

PURITY FG EP GEAR FLUID 460	PFEP460
PURITY FG EP GEAR FLUID 460 20L PAIL	PFEP460P20
PURITY FG EP GEAR FLUID 460 205L DRUM	PFEP460DRX
PURITY FG EP GEAR FLUID 460 1040L IBC	PFEP460IBC

PURITY FG SYNTHETIC EP GEAR FLUID 460	PFSYN460
PURITY FG SYNTHETIC GEAR FLUID 460 20L PAIL	PFSYN460P20
PURITY FG SYNTHETIC GEAR FLUID 460 55 USG DRUM	PFSYN460DRU

PURITY FG CHAIN FLUID HEAVY	PFCHAH
PURITY FG CHAIN FLUID HEAVY 20L PAIL	PFCHAHP20
PURITY FG CHAIN FLUID HEAVY 205L DRUM	PFCHAHDRX

PURITY FG CHAIN FLUID LIGHT	PFCHAL
PURITY FG CHAIN FLUID LIGHT 20L PAIL	PFCHALP20
PURITY FG CHAIN FLUID LIGHT 205L DRUM	PFCHALDRX

PURITY FG AW HYDRAULIC WITH MICROL 46	PFAW46
PURITY FG AW HYDRAULIC WITH MICROL 46 205L DRUM	PFAW46DRX
PURITY FG-X AW HYDRAULIC FLUID 46	PFXAW46
PURITY FG-X AW HYDRAULIC FLUID 46 20L PAIL	PFXAW46P20
PURITY FG-X AW HYDRAULIC FLUID 46 205L DRUM	PFXAW46DRX
PURITY FG-X AW HYDRAULIC FLUID 46 1040L IBC	PFXAW46IBC

PURITY FG AW HYDRAULIC FLUID 68	PFAW68
PURITY FG AW HYDRAULIC FLUID 68 20L PAIL	PFAW68P20
PURITY FG AW HYDRAULIC FLUID 68 205L DRUM	PFAW68DRX
PURITY FG AW HYDRAULIC FLUID 68 1040L IBC	PFAW68IBC

PURITY FG AW HYDRAULIC WITH MICROL 68	PFAW68
PURITY FG AW HYDRAULIC WITH MICROL 68 205L DRUM	PFAW68DRX

PURITY FG AW HYDRAULIC FLUID 100	PFAW100
PURITY FG AW HYDRAULIC FLUID 100 205L DRUM	PFAW100DRX

PURITY FG EP GEAR FLUID 100	PFEP100
PURITY FG EP GEAR FLUID 100 20L PAIL	PFEP100P20
PURITY FG EP GEAR FLUID 100 205L DRUM	PFEP100DRX
PURITY FG EP GEAR FLUID 100 1040L IBC	PFEP100IBC T T

PURITY FG EP GEAR FLUID 150	PFEP150
PURITY FG EP GEAR FLUID 150 20L PAIL	PFEP150P20
PURITY FG EP GEAR FLUID 150 205L DRUM	PFEP150DRX

PURITY FG EP GEAR FLUID 220	PFEP220
PURITY FG EP GEAR FLUID 220 20L PAIL	PFEP220P20
PURITY FG EP GEAR FLUID 220 205L DRUM	PFEP220DRX

PURITY FG SYNTHETIC EP GEAR FLUID 220	PFSN220
PURITY FG SYNTHETIC EP GEAR FLUID 220 20L PAIL	PFSN220P20
PURITY FG SYNTHETIC EP GEAR FLUID 220 208L DRUM	PFSN220DRU

PURITY FG EP GEAR FLUID 320	PFEP320
PURITY FG EP GEAR FLUID 320 20L PAIL	PFEP320P20
PURITY FG EP GEAR FLUID 320 205L DRUM	PFEP320DRX

PURITY FG EP GEAR FLUID 460	PFEP460
PURITY FG EP GEAR FLUID 460 20L PAIL	PFEP460P20
PURITY FG EP GEAR FLUID 460 205L DRUM	PFEP460DRX
PURITY FG EP GEAR FLUID 460 1040L IBC	PFEP460IBC

PURITY FG SYNTHETIC EP GEAR FLUID 460	PFSYN460
PURITY FG SYNTHETIC GEAR FLUID 460 20L PAIL	PFSYN460P20
PURITY FG SYNTHETIC GEAR FLUID 460 55 USG DRUM	PFSYN460DRU

PURITY FG CHAIN FLUID HEAVY	PFCHAH
PURITY FG CHAIN FLUID HEAVY 20L PAIL	PFCHAHP20
PURITY FG CHAIN FLUID HEAVY 205L DRUM	PFCHAHDRX

PURITY FG CHAIN FLUID LIGHT	PFCHAL
PURITY FG CHAIN FLUID LIGHT 20L PAIL	PFCHALP20
PURITY FG CHAIN FLUID LIGHT 205L DRUM	PFCHALDRX

PURITY FG COMPRESSOR FLUID 32	PFCO32
PURITY FG COMPRESSOR FLUID 32 20L PAIL	PFCO32P20
PURITY FG COMPRESSOR FLUID 32 205L DRUM	PFCO32DRX

PURITY FG COMPRESSOR FLUID 46	PFCO46
PURITY FG COMPRESSOR FLUID 46 20L PAIL	PFCO46P20
PURITY FG COMPRESSOR FLUID 46 205L DRUM	PFCO46DRX

PURITY FG SYNTHETIC FLUID 46	PFSN46
PURITY FG SYNTHETIC FLUID 46 20L PAIL	PFSN46P20
PURITY FG SYNTHETIC FLUID 46 205L DRUM	PFSN46DRX

PURITY FG COMPRESSOR FLUID 68
 PURITY FG COMPRESSOR FLUID 68 20L PAIL
 PURITY FG COMPRESSOR FLUID 68 205L DRUM

PURITY FG COMPRESSOR FLUID 100
 PURITY FG COMPRESSOR FLUID 100 20L PAIL
 PURITY FG COMPRESSOR FLUID 100 205L DRUM

PURITY FG SYNTHETIC FLUID 100
 PURITY FG SYNTHETIC FLUID 100 5 USG PAIL
 PURITY FG SYNTHETIC FLUID 100 55 USG DRUM

PURITY FG SEAMER-E FLUID
 PURITY FG SEAMER-E FLUID 205L DRUM

PURITY FG TROLLEY FLUID 46
 PURITY FG TROLLEY FLUID 46 20L PAIL
 PURITY FG TROLLEY FLUID 46 205L DRUM

PURITY FG WHITE OIL 10
 PURITY FG WO WHITE OIL 10 20L PAIL
 PURITY FG WO WHITE OIL 10 205L DRUM
 PURITY FG WO WHITE OIL 10 1040L IBC
 PURITY FG WO WHITE OIL 10 BULK

PURITY FG WHITE OIL 12
 PURITY FG WO WHITE OIL 12 BULK

PURITY FG WHITE OIL 15
 PURITY FG WO WHITE OIL 15 20L PAIL
 PURITY FG WO WHITE OIL 15 205L DRUM
 PURITY FG WO WHITE OIL 15 1040L IBC
 PURITY FG WO WHITE OIL 15 BULK

PURITY FG WHITE OIL 22
 PURITY FG WO WHITE OIL 22 BULK

PURITY FG WO WHITE OIL 35
 PURITY FG WO WHITE OIL 35 20L PAIL
 PURITY FG WO WHITE OIL 35 205L DRUM
 PURITY FG WO WHITE OIL 35 1040L IBC
 PURITY FG WO WHITE OIL 35 BULK

PURITY FG WO WHITE OIL 40
 PURITY FG WO WHITE OIL 40 205L DRUM
 PURITY FG WO WHITE OIL 40 1040L IBC
 PURITY FG WO WHITE OIL 40 BULK

PURITY FG WO WHITE OIL 46
 PURITY FG WO WHITE OIL 46 BULK

PURITY FG WHITE OIL 68
 PURITY FG WO WHITE OIL 68 20L PAIL
 PURITY FG WO WHITE OIL 68 205L DRUM
 PURITY FG WO WHITE OIL 68 1040L IBC
 PURITY FG WO WHITE OIL 68 BULK

PURITY FG WO WHITE OIL 90
 PURITY FG WO WHITE OIL 90 20L PAIL
 PURITY FG WO WHITE OIL 90 205L DRUM
 PURITY FG WO WHITE OIL 90 1040L IBC
 PURITY FG WO WHITE OIL 90 BULK

PURITY FG SYN BARRIER FLUID 5
 PURITY FG SYN BARRIER FLUID 5 205 L DRUM

PURITY FG SYN BARRIER FLUID 32
 PURITY FG SYN BARRIER FLUID 32 205L DRUM

PURITY FG HEAT TRANSFER FLUID
 PURITY FG HEAT TRANSFER FLUID 20L PAIL
 PURITY FG HEAT TRANSFER FLUID 205L DRUM
 PURITY FG HEAT TRANSFER FLUID 1040L IBC

PFCO68
 PFCO68P20
 PFCO68DRX

PFCO100
 PFCO100P20
 PFCO100DRX

PFSY100
 PFSY100P5U
 PFSY100DRU

PFSE
 PFSEDRX

PFTR46
 PFTR46P20
 PFTR46DRX

PFWO10
 PFWO10P20
 PFWO10DRX
 PFWO10IBC
 PFWO10BLK

PFWO12
 PFWO12BLK

PFWO15
 PFWO15P20
 PFWO15DRX
 PFWO15IBC
 PFWO15BLK

PFWO22
 PFWO22BLK

PFWO35
 PFWO35P20
 PFWO35DRX
 PFWO35IBC
 PFWO35BLK

PFWO40
 PFWO40DRX
 PFWO40IBC
 PFWO40BLK

PFWO46
 PFWO46BLK

PFWO68
 PFWO68P20
 PFWO68DRX
 PFWO68IBC
 PFWO68BLK

PFWO90
 PFWO90P20
 PFWO90DRX
 PFWO90IBC
 PFWO90BLK

PFSBF5
 PFSBF5DRM

PFSBF32
 PFSBF32DRM

PFHTF
 PFHTFP20
 PFHTFDRX
 PFHTFIBC

AEROSOL CANS
 PURITY FG PENETRATING OIL SPRAY
 12X355ML CANS
 PURITY FG SILICONE SPRAY 12X355ML CANS
 PURITY FG SPRAY 12X290G CANS

MISCELLANEOUS
ROTARY COOKER FLUID
 ROTARY COOKER FLUID 205L DRUM

PURITY FG CORRCUT-E FLUID 15
 PURITY FG CORRCUT-E FLUID 15 205L DRUM

PURITY FG SYNTHETIC ROLL CLEAN FLUID
 PURITY FG SYNTHETIC ROLL CLEAN FLUID
 205L DRUM

PFPOB12

PFSIB12
 PFMAF12

RTCF150
 RTCF150DRM

PFCCE15
 PFCCE15DRX

PFSYNCC
 PFSYNCCDRX

SLIDEWAY LUBRICANTS & MISCELLANEOUS FLUIDS **PAGE 58**

Name **Part Numbers**

MACHINE TOOL AND WAY LUBRICANTS

ACCUFLO TK 68
 ACCUFLO TK 68 20L PAIL
 ACCUFLO TK 68 205L DRUM
 ACCUFLO TK 68 BULK

ACCUFLO TK 220
 ACCUFLO TK 220 20L PAIL
 ACCUFLO TK 220 205L DRUM
 ACCUFLO TK 220 0557-30XH 1100L CUBE
 ACCUFLO TK 220 BULK

ACCUFLO SS 68
 ACCUFLO SS 68 DRUM
 ACCUFLO SS 68 BULK

PC WAYLUBE 68
 PC WAYLUBE 68 205L DRUM
 PC WAYLUBE 68 1040L IBC
 PC WAYLUBE 68 BULK

ROCK DRILL LUBRICANTS

ARDEE 32
 ARDEE 32 LUBRICANT 20L PAIL
 ARDEE 32 LUBRICANT 205L DRUM

ARDEE 46
 ARDEE 46 LUBRICANT 20L PAIL
 ARDEE 46 LUBRICANT 205L DRUM

ARDEE 68
 ARDEE 68 LUBRICANT 20L PAIL
 ARDEE 68 LUBRICANT 205L DRUM

ARDEE 100
 ARDEE 100 LUBRICANT 20L PAIL
 ARDEE 100 LUBRICANT 205L DRUM
 ARDEE 100 BULK

ARDEE 150
 ARDEE 150 LUBRICANT 4X4L CASE
 ARDEE 150 LUBRICANT 20L PAIL
 ARDEE 150 LUBRICANT 205L DRUM

ARDEE 220
 ARDEE 220 LUBRICANT 20L PAIL
 ARDEE 220 LUBRICANT 205L DRUM

ACFLK68
 ACFLK68P20
 ACFLK68DRM
 ACFLK68BLK

ACFLK22
 ACFLK22P20
 ACFLK22DRM
 ACFLK22CUS
 ACFLK22BLK

ACFSS68
 ACFSS68DRM
 ACFSS68BLK

PCWAY68
 PCWAY68DRM
 PCWAY68IBC
 PCWAY68BLK

RDE32
 RDE32P20
 RDE32DRM

RDE46
 RDE46P20
 RDE46DRM

RDE68
 RDE68P20
 RDE68DRM

RDE100
 RDE100P20
 RDE100DRM
 RDE100BLK

RDE150
 RDE150C16
 RDE150P20
 RDE150DRM

RDE220
 RDE220P20
 RDE220DRM

CONCRETE FORM OILS
CON-REL-EZE 60 FORM OILS
 CON-REL-EZE 60 FORM OIL 205L DRUM
 CON-REL-EZE 60 FORM OIL BULK

SYSTEM AND EQUIPMENT CLEANING

PC FLUSHING FLUID
 FLUSHING FLUID 205L DRUM
 FLUSHING FLUID 1040L IBC
 FLUSHING FLUID BULK

PC CLEANING FLUID
 PC CLEANING FLUID 205L DRUM
 PC CLEANING FLUID BULK

PC COMPRESSOR CLEANER
 PC COMPRESSOR CLEANER 20L PAIL
 PC COMPRESSOR CLEANER 205L DRUM

VACUUM PUMP FLUIDS
SUPER VAC FLUID 15
 SUPER VAC FLUID 15 205L DRUM

SUPER VAC FLUID 19
 SUPER VAC FLUID 19 20L PAIL
 SUPER VAC FLUID 19 205L DRUM
 SUPER VAC FLUID 19 BULK

SUPER VAC FLUID 20
 SUPER VAC FLUID 20 20L PAIL
 SUPER VAC FLUID 20 205L DRUM
 SUPER VAC FLUID 20 BULK

CRE60
 CRE60DRM
 CRE60BLK

FLUSHF
 FLUSHFDRM
 FLUSHFIBC
 FLUSHFBLK

CLEANFL
 CLEANFLDRM
 CLEANFLBLK

CCLEANR
 CCLEANRP20
 CCLEANRDRM

SVF15
 SVF15DRM

SVF19
 SVF19P20
 SVF19DRM
 SVF19BLK

SVF20
 SVF20P20
 SVF20DRM
 SVF20BLK

ELECTRICAL INSULATING FLUIDS **PAGE 62**

Name **Part Numbers**

LUMINOL TR
 LUMINOL TR 205L DRUM
 LUMINOL TR BULK

LUMINOL TRI
 LUMINOL TRI 205L DRUM
 LUMINOL TRI 1040L IBC
 LUMINOL TRI BULK

LUMINOL LS
 LUMINOL LS 205L DRUM
 LUMINOL LS BLK

LUMINOL Di
 LUMINOL Di 205L DRUM
 LUMINOL Di 1040L IBC
 LUMINOL Di BLK

LUMTR
 LUMTRDRX
 LUMTRBLK

LUMTRI
 LUMTRIDRX
 LUMTRIIBC
 LUMTRIBLK

LUMLS
 LUMLSDRM
 LUMLSBLK

LUMDI
 LUMDIDRM
 LUMDIIBC
 LUMDIBLK



OUR NO-NONSENSE LUBRICANTS WARRANTY

“Petro-Canada Lubricants will repair damaged equipment, or replace damaged equipment parts resulting from a failure due to defects of the Petro-Canada Lubricants product, as long as the lubricant is used in accordance with your equipment manufacturer’s and our recommendations.”

IT'S MORE THAN JUST A WARRANTY. IT'S A COMMITMENT.

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Committed to the disciplined operation of our business.

