



# LUBE SOURCE CATALOGUE

INDUSTRY-LEADING PRODUCTS  
FOR IMPROVED BUSINESS  
PERFORMANCE



AN HF SINCLAIR BRAND



AN HF SINCLAIR BRAND

# 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 to best serve 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 are represented in these pages. If you have a unique or specialized application 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.

We have made every effort to provide complete and accurate information with regard to our brand of lubricant products. As with all Petro-Canada Lubricants products, our standard No-Nonsense Lubricants Warranty applies. We accept 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 lubricant product part numbers. There is a unique product part number for each individual product SKU that includes product name, grade and package size.

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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.

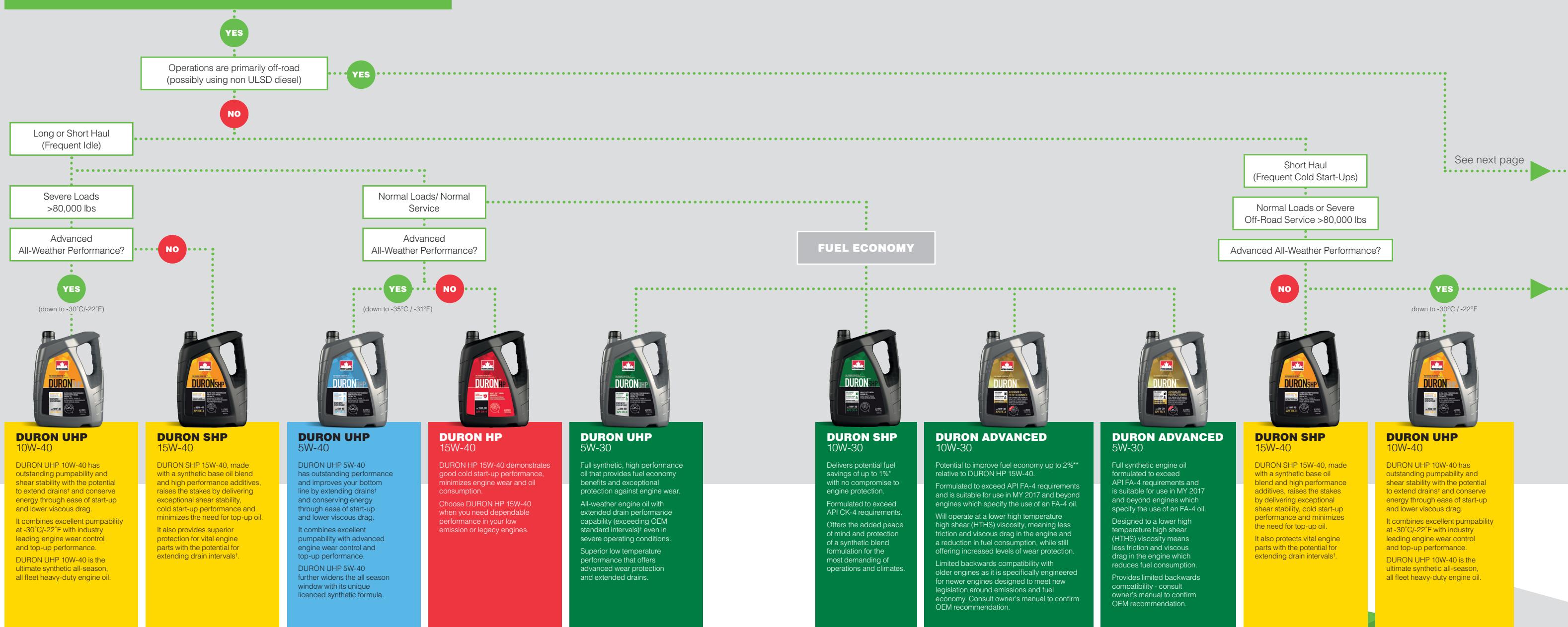
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AN HF SINCLAIR BRAND

# **HEAVY-DUTY** **DIESEL ENGINE OIL**

## FLEETS LOOKING TO EXTEND THE LIFE OF THEIR ENGINES



## 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 low emission systems. DURON is back serviceable and carries the API service CJ-4, CI-4 Plus, CI-4, and CH-4 licenses required by pre-2010 diesel engines.

- 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)<sup>t</sup> 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)<sup>t</sup>.

<sup>†</sup> Extending drain intervals should always be undertaken in conjunction with an oil analysis program.

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.

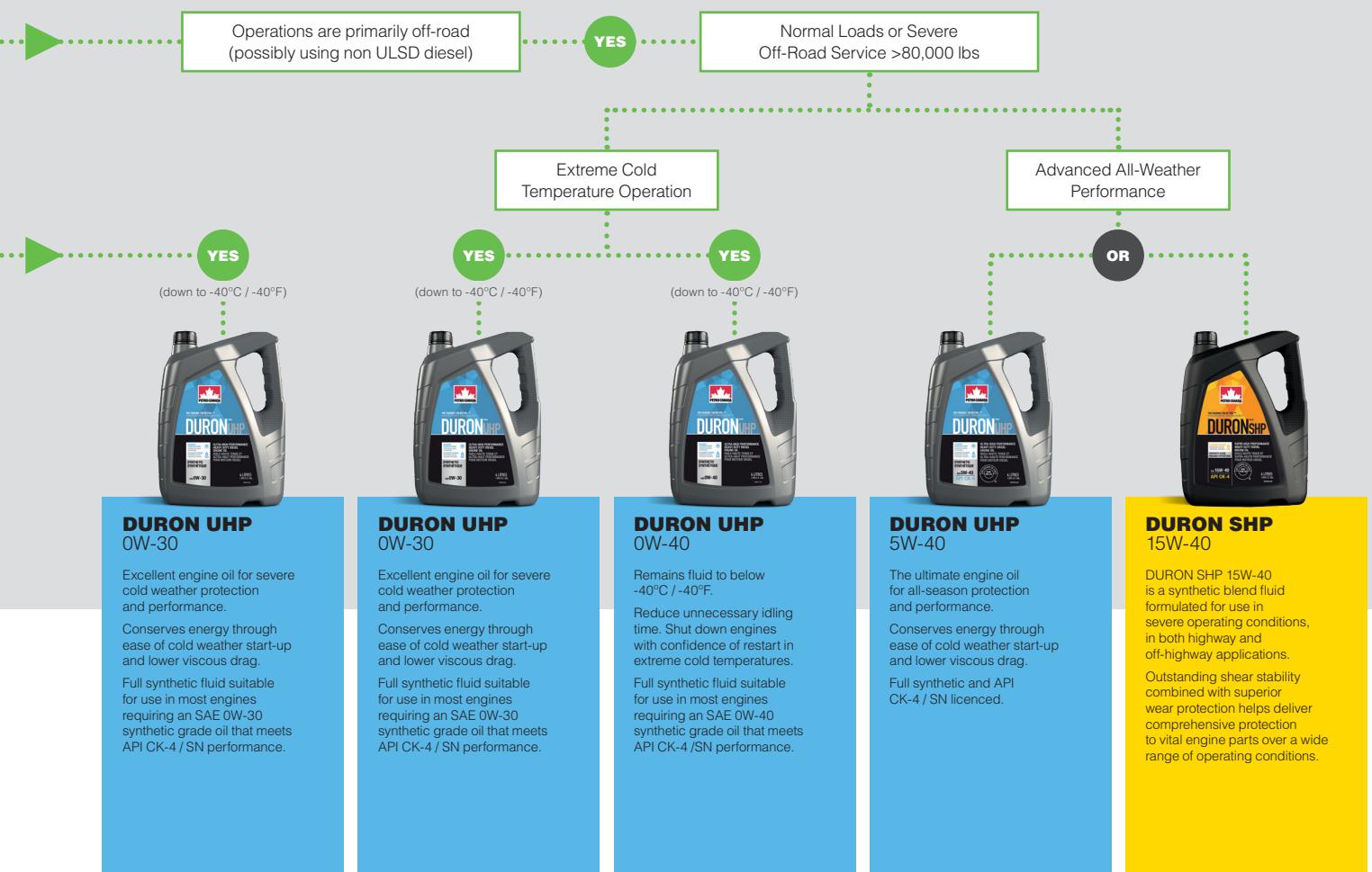
## OTHER PRODUCTS

Product	Application and Performance
DURON™ UHP E6 10W-40 and 5W-30	<ul style="list-style-type: none"> <li>Ultra High Performance synthetic diesel engine oil designed for longer engine life, better all weather performance and increased efficiency.</li> <li>Exceeds ACEA E4/E6/E7/E9 standards.</li> <li>Low SAPS (Sulphated Ash, Phosphorous, Sulphur).</li> </ul>
DURON CLASSIC 15W-40 and 20W-50	<ul style="list-style-type: none"> <li>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.</li> <li>Available in select countries.</li> </ul>
DURON EXTRA 15W-40 and 20W-50	<ul style="list-style-type: none"> <li>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.</li> <li>15W-40 is licensed with API as CJ-4 / SN.</li> <li>Available in select countries.</li> </ul>
DURON SAE 10W, 30, 40 and 50	<ul style="list-style-type: none"> <li>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).</li> </ul>
DURON GEO LD 15W-40 and 10W-30	<ul style="list-style-type: none"> <li>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.</li> <li>Approved for Cummins CES 20092 and fully backserviceable to CES 20085 specifications.</li> <li>API CK-4/SN licensed and approved by other major diesel engine OEMs like Detroit Diesel, Mack, Volvo and Renault.</li> <li>Extended drain intervals in CNG/LNG engines without the risk of increased engine wear and sluggish performance.</li> </ul>

## RAILROAD INDUSTRY

The railroad industry is tough, and you need a strong lubricants partner who really understands this business. Like Petro-Canada Lubricants, Red Giant Oil™ is also an HF Sinclair brand. Their RGO locomotive engine oils have been built over a century-long legacy of rail industry expertise. As engines have evolved, becoming even stronger and more powerful, so have Red Giant Oil products. HF Sinclair has focused on this sector, developing engine oils that are as reliable as our commitment to this industry.

Product	Application and Performance
Railway Engine Oils:	Formulated for severe service in diesel engines, driving railroad locomotives, marine vessels and electric power generators.
Red Giant Locomotive Engine Oil 20W-40 G7	Multigrade 11 TBN, LMOA Generation 7 level engine oil that is approved by Progress Rail (formerly EMD) and Wabtec (formerly GE).
RALUBE™ 40 CFS	SAE 40, 14 TBN, LMOA Generation 5 engine oil that is SFU for Progress Rail, Wabtec, Caterpillar 3600 Series and 2-cycle Detroit Diesel engines, including Series 149.



<sup>†</sup> Extended periods of usage of high sulfur fuels will shorten the oil drain intervals. An oil analysis program is recommended.

# POWER TRANSMISSION FLUIDS

## HEAVY-DUTY AUTOMATIC TRANSMISSION FLUIDS

### PERFORMANCE BENEFITS

- Specially formulated to perform under the demanding severe service operating conditions found in heavy-duty transmission systems.
- Designed for use in commercial applications where Severe Duty and Extended Drain Interval fluids are specified.
- Provide excellent wear protection and are suitable for heavy loading and high operating temperatures.

## LIGHT-DUTY 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 power transmissions.
- Offers exceptional low temperature performance.

DuraDrive™ HD Synthetic 668	<ul style="list-style-type: none"> <li>• Meets and exceeds the TES 668™ specification and is backwards compatible for every Allison transmission that currently requires approved TES 295® ATF*.</li> <li>• Formulated with excellent oxidation control, improved wear protection and component life and enhanced anti-shudder performance and torque control.</li> <li>• The first fluid to complete Allison's rigorous validation program, receive license approval, and be awarded Allison's global factory fill program.</li> </ul>	<ul style="list-style-type: none"> <li>• Approved for factory fill and service fill on-highway Allison transmissions requiring TES 668™**.</li> <li>• Approved for Volvo STD 1273,41 - transmission oil 97341 (AT101).</li> <li>• Suitable for use for Voith H55.6335.xx (standard drain, 60K km), ZF TE-ML 14A (standard drain) and GM DEXRON®-III(H), -III(G), -II(E), or -II.</li> </ul>
DuraDrive HD Synthetic Blend ATF	<ul style="list-style-type: none"> <li>• Specially formulated for commercial and heavy-duty transmission systems.</li> <li>• Outstanding resistance to oxidative and thermal breakdown.</li> <li>• Offers extended drain intervals and multiple heavy-duty credentials.</li> </ul>	<ul style="list-style-type: none"> <li>• Approved for Voith (H55.6336.xx VTI-DIWA Service Bulletin 013 &amp; 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.</li> <li>• Suitable for use where Caterpillar TO-2, MB 236.1/5/6/7, MAN 339 Typ Z2 &amp; V2, Volvo STD 1273,41 - transmission oil 97341 (AT101) or MERCON®V is recommended.</li> <li>• May also be used in automatic transmissions where a fluid meeting the former DEXRON®-III(H), -IIIG, -II-E, -II, or MERCON® specifications is recommended. Not to be used where MERCON®LV or MERCON®SP are required.</li> <li>• May also be used as a hydraulic or power steering fluid.</li> </ul>
DuraDrive HD Long Drain ATF	<ul style="list-style-type: none"> <li>• Formulated for heavy-duty transmissions.</li> <li>• Excellent wear protection, oxidation control and friction durability as demonstrated in extensive rig testing and field trials.</li> <li>• Enhanced thermal and oxidative stability together with improved high and low temperature properties.</li> </ul>	<ul style="list-style-type: none"> <li>• Approved for Voith (150.014524.xx VTI-DIWA Service Bulletin 013 &amp; 118) maximum drain, 180K kms.</li> <li>• 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.</li> </ul>

\*TES 668™ fluids are not recommended for Allison TC10® transmissions

DEXRON® is a registered trademark of General Motors LLC. MERCON® is a registered trademark of Ford Motor Company. TES 295®, TC10®, H 40/H 50 EP™, 1000-4000 series™, eGen Flex™ and TES 668™ are trademarks of Allison Transmission, Inc.

\*\*Check technical data sheet for more information about the types of transmissions where TES 668™ fluids are required

### POWER TRANSMISSION FLUIDS

Product	Performance Features	Credentials
DEXRON®-VI	<ul style="list-style-type: none"> <li>• Delivers 2X the service life of the former DEXRON-III (H) ATF fluids.</li> <li>• Offers enhanced performance in new and older General Motors transmissions.</li> <li>• Provides more consistent and responsive shift feel.</li> <li>• Extends life of transmission through improved oxidation resistance, wear protection and friction durability.</li> </ul>	<ul style="list-style-type: none"> <li>• GM DEXRON®-VI licensed for Factory Fill and Service Fill applications.</li> <li>• Meets GM service fill specification GMW16444.</li> <li>• 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 6804374AA.</li> <li>• GM recommends the use of DEXRON®-VI for all GM automatic transmissions including where the former DEXRON®-III(H), -IIIG, -II-E, or -II specification was recommended.</li> <li>• Approved for Voith standard drain intervals (H55.6335.xx DIWA Service Bulletin 013 &amp; 118, formerly G1363).</li> <li>• Mercedes-Benz-Approval 236.41.</li> </ul>
ATF+4®	<ul style="list-style-type: none"> <li>• Offers optimized shift efficiency, improved oxidation and shear stability for use in Chrysler automatic transmissions.</li> <li>• Extensively tested and approved by Chrysler for their material specification, MS-9602.</li> </ul>	<ul style="list-style-type: none"> <li>• Chrysler ATF+4® licensed.</li> <li>• Meets Chrysler material specification MS-9602.</li> <li>• Back-serviceable in transmissions where ATF+3® fluids or earlier versions were recommended.</li> </ul>
ATF D3M	<ul style="list-style-type: none"> <li>• Demonstrates outstanding oxidation and thermal stability, giving long service life under severe operating conditions.</li> <li>• Excellent low temperature protection and smoother shifting.</li> </ul>	<ul style="list-style-type: none"> <li>• ATF D3M may be used in automatic transmissions where a fluid meeting the former DEXRON®-III(H), -IIIG, -II-E, or MERCON® specifications is recommended.</li> <li>• Approved against Allison TES 389 Rev.B.</li> <li>• Suitable for use where MB 236.1/5/6/7, Allison C-4, or Caterpillar TO-2 is recommended.</li> <li>• May also be used in hydraulic and power steering systems.</li> </ul>
DuraDrive MV Synthetic ATF	<ul style="list-style-type: none"> <li>• Petro-Canada Lubricants' full synthetic, high viscosity, Multi-Vehicle ATF.</li> <li>• Advanced performance over conventional ATF fluids.</li> <li>• Improved oxidative resistance, wear protection, sheer stability.</li> <li>• Enhanced friction and anti-shudder durability.</li> </ul>	<ul style="list-style-type: none"> <li>• Suitable for use in a wide range of North American, European and Asian vehicles.</li> <li>• Ford MERCON®-V licensed.</li> <li>• Exceeds JASO 1A requirements.</li> </ul>
DuraDrive LV MV Synthetic ATF	<ul style="list-style-type: none"> <li>• Full synthetic low viscosity formulation that offers true multi-vehicle performance, outstanding wear protection, and exceptional fluid life.</li> <li>• Provides the frictional properties, wear protection and viscometrics needed by most newer North American, Asian, and European automatic transmissions.</li> <li>• Benefits include excellent oxidation and shear stability, outstanding wear protection, and exceptional low temperature fluidity.</li> </ul>	<ul style="list-style-type: none"> <li>• DuraDrive Low Viscosity MV Synthetic ATF is suitable for use in a wide range of North American, Asian, and European automatic transmissions.</li> <li>• Ford MERCON® LV Licensed.</li> <li>• GM DEXRON®-VI licensed for Service Fill applications.</li> </ul>
DuraDrive CVT MV Synthetic	<ul style="list-style-type: none"> <li>• Full synthetic high viscosity Continuously Variable Transmission Fluid that offers outstanding wear protection, and exceptional fluid life.</li> <li>• Excellent anti-shudder durability and high stable metal-to-metal friction properties.</li> <li>• Outstanding protection against wear.</li> <li>• Excellent resistance to oxidative and thermal breakdown.</li> <li>• Reliable low/high temperature fluid performance.</li> </ul>	<ul style="list-style-type: none"> <li>• 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.</li> </ul>
DuraDrive DCT MV Synthetic	<ul style="list-style-type: none"> <li>• Synthetic transmission fluid for wet dual or double clutch transmissions.</li> <li>• Provides excellent gear wear and corrosion protection, extended anti-shudder durability and reliable low temperature fluidity.</li> <li>• Benefits include excellent thermal, oxidative and shear stability, outstanding wear protection, strong corrosion protection and reliable low temperature fluidity.</li> </ul>	<ul style="list-style-type: none"> <li>• DuraDrive DCT MV Synthetic is suitable for use in a wide range of European, Asian, and North American wet dual or double clutch transmissions.</li> </ul>

ATF+4® and ATF+3® are registered trademarks of FCA US LLC (formerly known as Chrysler Group LLC). DEXRON® is a registered trademark of General Motors LLC. MERCON® is a registered trademark of Ford Motor Company.

# AUTOMOTIVE 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 SP or ILSAC GF-6 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	<ul style="list-style-type: none"> <li>Advanced formula for ultimate engine protection.</li> <li>Outstanding resistance to thermal breakdown and oil thickening.</li> <li>Reduced oil consumption; less top-up required.</li> <li>Exceptional low temperature fluidity.</li> <li>Assured protection against low speed pre-ignition (LSP). </li> </ul>	<ul style="list-style-type: none"> <li>Licensed API Service Category SP and SP Resource Conserving.</li> <li>Exceed ILSAC GF-6A or ILSAC GF-6B (0W-16 grade only) standard.</li> <li>5W-20 meets Ford WSS-M2C960-A1.</li> <li>5W-30 meets Ford WSS-M2C961-A1.</li> <li>0W-20 meets Ford WSS-M2C962-A1.</li> <li>0W-30 meets Ford WSS-M2C963-A1.</li> <li>0W-20, 5W-20 and 5W-30 are suitable for use for Chrysler MS-6395.</li> <li>Applicable SAE Viscosity Grades are suitable for use for Honda, Hyundai, Toyota, Kia and Mazda owner's manual recommended performance requirements.</li> <li>0W-20, 5W-20 and 5W-30 are GM dexos® 1 Gen 3 approved.</li> </ul>
SUPREME Multigrade	5W-20 5W-30 10W-30 10W-40 20W-50	<ul style="list-style-type: none"> <li>Premium conventional motor oil that keeps engines protected.</li> <li>Outstanding low temperature performance.</li> <li>Excellent resistance to thermal breakdown.</li> <li>LSP protection.</li> </ul>	<ul style="list-style-type: none"> <li>5W-20, 5W-30 and 10W-30 are API licensed API SP and SP Resource Conserving, ILSAC GF-6A.</li> <li>10W-40 and 20W-50 are API licensed API SP.</li> <li>5W-20 meets Ford WSS-M2C960-A1.</li> <li>5W-30 meets Ford WSS-M2C961-A1.</li> <li>5W-20, 5W-30 and 10W-30 are suitable for use for Chrysler MS-6395.</li> </ul>
SUPREME High Mileage	0W-20 (Synthetic) 5W-20 5W-30 10W-30	<ul style="list-style-type: none"> <li>Contains REGEN Technology designed to clean up sludge in vehicles with high mileage.</li> <li>Rejuvenates your engine's power that is lost due to blow-by.</li> <li>Reduces the formation of new deposits on engine parts, resulting in a cleaner running engine.</li> <li>Meets the latest industry standards.</li> </ul>	<ul style="list-style-type: none"> <li>Exceeds API SP and SP Resource Conserving as well the latest ILSAC GF-6A specification.</li> <li>0W-20, 5W-20, 5W-30, 10W-30 are suitable for use for Chrysler MS-6395.</li> <li>0W-20 meets Ford WSS-M2C962-A1.</li> <li>5W-20 meets Ford WSS-M2C960-A1.</li> <li>5W-30 meets Ford WSS-M2C961-A1.</li> <li>Meets oil specification requirements for General Motors, Honda, Hyundai, Kia, Mazda and Toyota gasoline powered vehicles.</li> </ul>
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"> <li>Outstanding protection against wear, rust and corrosion during frequent stop/start cycles prevalent with hybrid vehicles, extending bearing and engine life.</li> <li>Easier unaided cold weather starts and reduced wear during low temperature start-up and operation due to our best low temperature fluidity.</li> <li>Our best resistance to high temperature thermal breakdown resulting in cleaner running engines.</li> </ul>	<ul style="list-style-type: none"> <li>Licensed API SP and SP Resource Conserving.</li> <li>0W-20 exceeds ILSAC GF-6A requirements and is GM dexos® 1 Gen 3 approved.</li> <li>0W-20 is suitable for use for Chrysler MS-6395.</li> <li>0W-20 meets Ford WSS-M2C962-A1.</li> <li>Meets oil specification requirements for Honda, Hyundai, Kia, Mazda, and Toyota.</li> <li>0W-16 exceeds ILSAC GF-6B requirements.</li> </ul>

The dexos® specification and trademark are exclusive to General Motors, LLC.

## PETRO-CANADA PASSENGER CAR MOTOR OILS - OTHER PRODUCTS

Product	Application and Performance
SUPREME Synthetic 5W-40	<ul style="list-style-type: none"> <li>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.</li> <li>Exceptional resistance to high temperature thermal breakdown.</li> <li>Exceeds the latest API Service Classification for gasoline engines, API SP.</li> </ul>
SUPREME C3-X Synthetic 5W-40	<ul style="list-style-type: none"> <li>Fuel saving synthetic motor oil that is produced with high quality synthetic base oils and an advanced additive system.</li> <li>Exceeds the ACEA C3 requirements for gasoline and light-duty diesel engines.</li> <li>Meets the requirements of Mercedes-Benz 229.51, BMW LL-04, Porsche A40 and Ford M2C917-A.</li> <li>AVAILABLE ONLY IN EUROPE AND OTHER SELECT GEOGRAPHIES.</li> </ul>
SUPREME C3 Synthetic 5W-30	<ul style="list-style-type: none"> <li>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.</li> <li>Meets the performance requirements of ACEA C3, API SN and is specially designed to support extended oil drain intervals of modern engines.</li> <li>Exceeds the ACEA C3 requirements for fuel economy performance.</li> <li>MB-Approval 229.31.</li> <li>AVAILABLE ONLY IN EUROPE AND OTHER SELECT GEOGRAPHIES.</li> </ul>
SUPREME C3-X Synthetic 5W-30	<ul style="list-style-type: none"> <li>Synthetic, top quality "Mid SAPS"** passenger car motor oil that delivers outstanding performance and protection when lubricating today's modern engines.</li> <li>Delivers exceptional resistance to thermal breakdown, outstanding low temperature fluidity and excellent engine protection at extreme operating temperatures.</li> <li>Meets the performance requirements of ACEA C3, API SN, BMW LL-04 specifications.</li> <li>MB-Approval 229.51.</li> <li>Approved under VW Standard 504 00, VW Standard 507 00 and Porsche C30.</li> </ul>
SUPREME EU-X Synthetic 5W-40	<ul style="list-style-type: none"> <li>A top quality "Full SAPS"** passenger car motor oil that delivers excellent performance and protection when lubricating today's engines.</li> <li>Meets ACEA A3/B4-16 and is also suitable for use where API SN is specified.</li> <li>Suitable for use in vehicles which specify the following OEM specifications: BMW LL-01, MB 229.3 / 229.5, Porsche A40, Renault RN0700 / RN0710, Volkswagen 502 00 / 505 00.</li> </ul>

\*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?

**YES**

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

**NO**

Does your application require higher viscosity grades such as #W-140?

**NO**

Wider Temperature Range or Energy/Torque Efficiency required?



### 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 STO 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.



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

Provides shear stability and resistance to degradation.

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 requirements.

Approved against SAE J2360 (MIL-PRF-2105E), and Mack GO-J.



### 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.

Provides shear stability for extended drain applications.

Meets API GL-5, MT-1 and Scania STO 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.



### 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 STO 1:0 (axle and gearbox/MT) requirements.

Approved against SAE J2360 (MIL-PRF-2105E), ZF TE-ML lubricant class 05A, 12M, 16D, 21A [ZF002287].

Meets Meritor 0-76-B standard drain protection and Scania STO 1:0 requirements for axles only.

## 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 ➔

**NO**

Non-EP MTF ➔

Does your rear axle specify heavier grades?

Wider Temperature Range required?

**NO**



### TRAXON 85W-140

TRAXON 85W-140 provides outstanding shear stability and contains anti-wear/EP additives for tough, high-load, high-operating temperature conditions for extended equipment life.

Delivers excellent resistance to degradation and sludging.

Meets API GL-5 and MT-1 requirements.

Approved against SAE J2360 (Formerly MIL-PRF-2105E) and Mack GO-J specifications.

Approved against ZF TE-ML lubricant class 05A, 12M, 16D, 21A [ZF002287].

Meets Meritor 0-76-B standard drain protection and Scania STO 1:0 requirements for axles only.



### TRAXON XL SYNTHETIC BLEND 80W-140

TRAXON XL Synthetic Blend 80W-140 provides excellent shear stability for retention of viscosity to help protect equipment against metal-to-metal contact and wear.

High viscosity index and good low temperature properties for excellent protection in cold weather.

Recommended for use in manual transmissions requiring EP-type oils, differentials including limited slip (top-up only) and transfer cases for heavy equipment, trucks and tractors.

Meets API GL-5, API MT-1, Mack GO-J, SAE J2360 (MIL-PRF-2105E), International TMS 6816 / Navistar MPAPS B-6816 Type I, Navistar MPAP 6821, and Meritor 0-76-B & 0-80 standard drain specification (in Meritor TP-9539 documents).

Approved against Dana - CVSD SHAES 429 Rev A (TCMT-0020) (Eaton Genuine Roadranger Lubricant).



### TRAXON E SYNTHETIC 80W-140

TRAXON E Synthetic 80W-140 contains extreme pressure additives for operation under a variety of load conditions with excellent resistance to oxidation for long lubricant life.

New and improved formulation has demonstrated up to 1.5%\* fuel efficiency benefits over the previous formulation.

High viscosity index and good low temperature properties for excellent protection in cold weather.

Recommended for use in manual transmissions requiring EP-type oils, differentials excluding limited slip and transfer cases for heavy equipment, trucks and tractors.

Meets API GL-5, API MT-1, Mack GO-J, SAE J2360 (MIL-PRF-2105E), International TMS 6816 / Navistar MPAPS B-6816 Type I, and Meritor 0-76-N requirements.

Approved against Dana - CVSD SHAES 429 Rev E and SHAES 429 Rev A (TCMT-0020) (Eaton Genuine Roadranger Lubricant).



### TRAXON E SYNTHETIC 75W-90

TRAXON E Synthetic 75W-90 contains extreme pressure additives for operation under a variety of load conditions with excellent resistance to oxidation for long lubricant life.

New and improved formulation has demonstrated up to 1.5%\* fuel efficiency benefits over the previous formulation.

High viscosity index and good low temperature properties for excellent protection in cold weather.

Recommended for use in manual transmissions requiring EP-type oils, differentials excluding limited slip and transfer cases for heavy equipment, trucks and tractors.

Meets API GL-5, API MT-1, Mack GO-J, SAE J2360 (MIL-PRF-2105E), International TMS 6816 / Navistar MPAPS B-6816 Type I, and Meritor 0-76-N requirements.

Approved against Dana - CVSD SHAES 429 Rev E and SHAES 429 Rev A (TCMT-0020) (Eaton Genuine Roadranger Lubricant).

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

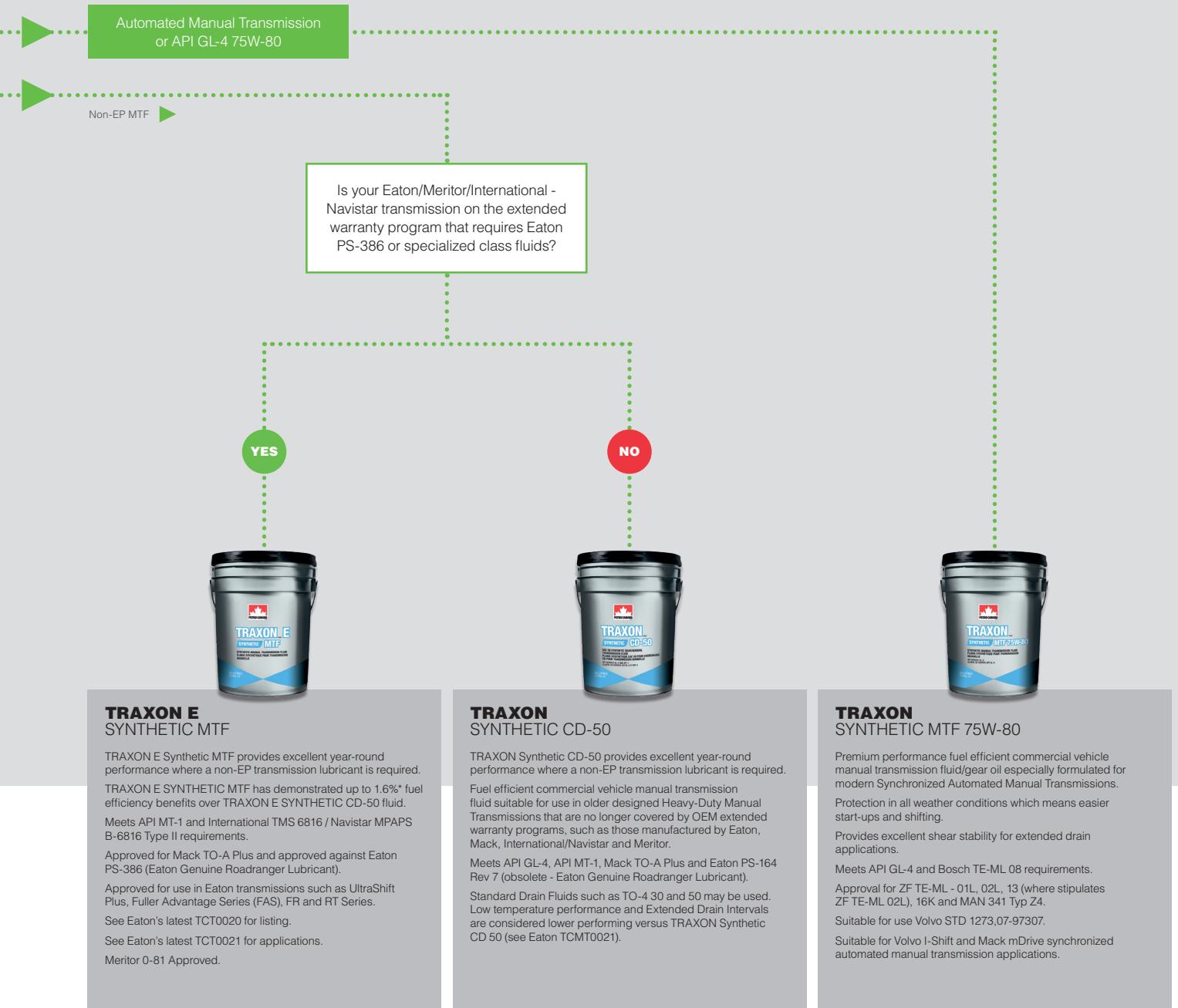
# MANUAL TRANSMISSION FLUIDS

## 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.

## DEXRON® GEAR OILS

Product	Application and Performance
DEXRON® Gear Oil 75W-90	<ul style="list-style-type: none"> <li>Synthetic extreme pressure automotive axle lubricant formulated for GM applications.</li> </ul>
DEXRON® LS Gear Oil 75W-90	<ul style="list-style-type: none"> <li>Provides excellent long lasting wear protection to extend equipment life and reduce downtime and maintenance costs.</li> <li>DEXRON® LS Gear Oil 75W-90 contains added friction modifiers to perform in limited-slip differentials.</li> </ul>



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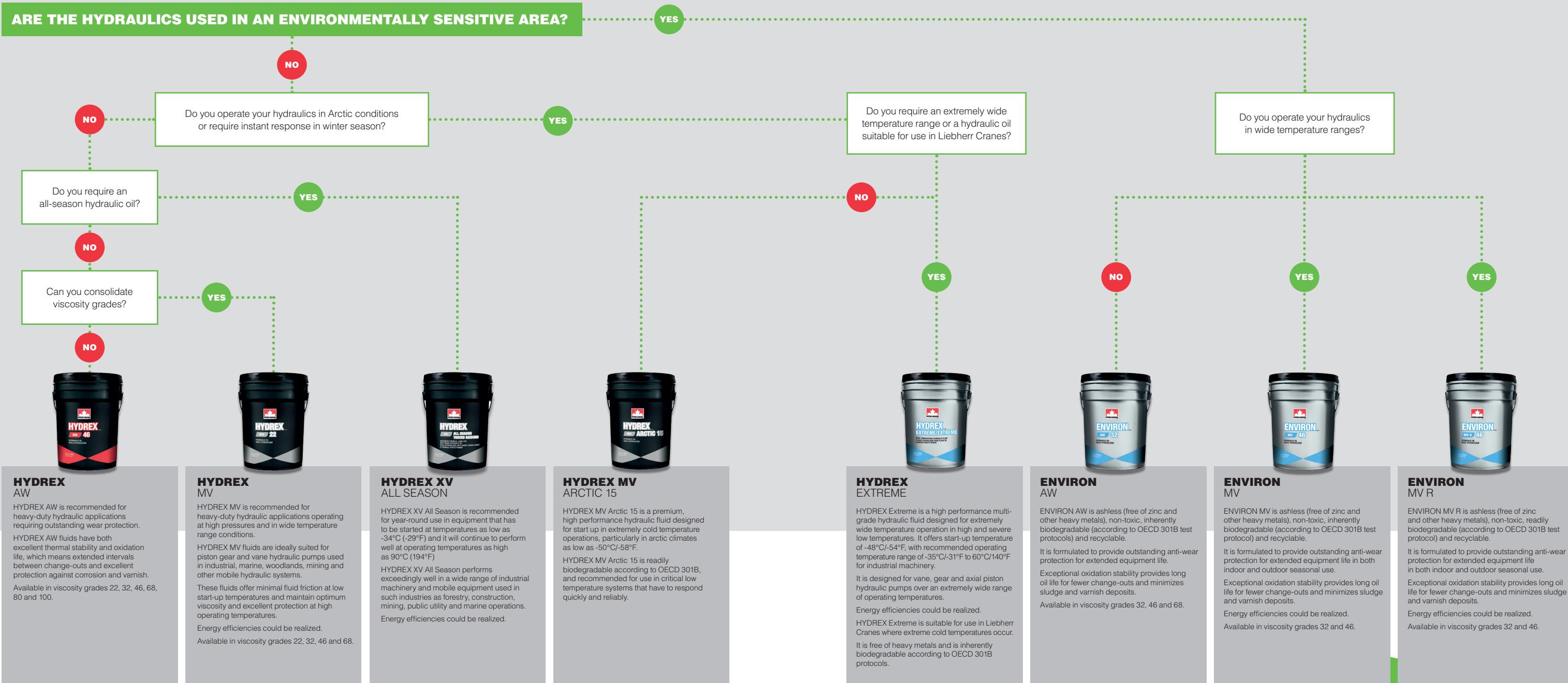
WANT TO STAY ON THE  
ROAD FOR LONGER?  
**GET END-TO-END  
PROTECTION.**

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



# COMMERCIAL TRANSPORTATION HYDRAULIC FLUIDS

## ARE THE HYDRAULICS USED IN AN ENVIRONMENTALLY SENSITIVE AREA?



# 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	Recommended for the following <b>Current</b> Credentials/Specifications	Recommended for the following <b>Obsolete</b> 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"> <li>Surpasses John Deere OEM specification JDM J20C (summer) and JDM J20D (winter).</li> <li>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; White Farm (Oliver) Q-1826, Hydraulic Transmission Fluid (HTF), Massey-Ferguson M-1141, M-1135, M-1143 (For UTTO application only. Do not use in STOU engine applications); AGCO/Deutz-Allis/Allis: Power Fluid 821XL, 272843; <b>GIMA MF CMS M1145 (Approved)</b>, GIMA MF CMS M1141; Valtra G2-98; New Holland 410E; <b>Volvo Std 1273.03 - 97303 WB 101 (Approved)</b>; <b>DANA UTTO-LV (Approved)</b>; Kubota UDT and Kubota UDT<sup>2</sup>; Steiger Hydraulic Transmission Fluid (SEMS 17001); Versatile ESN-M2C134-D; Komatsu KES 07.866; Landini (Tractor II Hydraulic Fluid); Hesston-Fiat (Olioifat Tutela Multi-F).</li> <li>Suitable for use in Mahindra farm tractors; Voith Heavy Industrial; Hitachi Heavy Industrial and AECON/Miller Equipment.</li> <li>Suitable for use where Clark Lift Truck TA12, TA18; ZF Transmission TE-ML 03E, 05F, 21F (axles); Heist<sup>*</sup>; Kalmar<sup>*</sup>; Kessler<sup>*</sup>; Hyster<sup>*</sup> and Fantuzzi<sup>*</sup> industrial equipment requirements are called for.</li> <li>Suitable for use against API GL-4 and Caterpillar TO-2.</li> <li>Suitable for use where Clark HR 500, HR 600; Allison C-4 Fluid and C-3 Fluids requirements are called for.</li> </ul>	<ul style="list-style-type: none"> <li>Meets JDM J20A/B, JDM J14B/C, JD 303 Fluid</li> <li>Suitable for use in applications that call for CNH (Case I.H., J.I. Case New Holland Group) 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-1802, Q-1766B, Q-1722, Q-1705; Massey-Ferguson M-1129-A, M-1127-A/B, M-1110; AGCO/Deutz-Allis/Allis 257541, 246634; Versatile Hydraulic/Gear Fluid Spec 24M and Spec 23M; Valtra G2-98; Hesston-Fiat AF-87; Sundstrand Hydrostatic Transmission Fluid; Dresser Construction Equipment, Transmission/Hydraulic Fluid.</li> </ul>
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 <sup>1</sup>	<ul style="list-style-type: none"> <li>Surpasses John Deere OEM specification JDM J20D.</li> <li>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; White Farm (Oliver) Q-1826, Hydraulic Transmission Fluid (HTF); Massey-Ferguson M-1141, M-1135, M-1143; AGCO/Deutz-Allis/Allis: Power Fluid 821XL, 272843; Kubota UDT<sup>2</sup>; Steiger Hydraulic Transmission Fluid (SEMS 17001); Versatile ESN-M2C134-D; Landini (Tractor II Hydraulic Fluid winter only); Hesston-Fiat (Olioifat Tutela Multi-F winter only).</li> <li>Suitable for use in Voith Heavy Industrial (winter only); Hitachi Heavy Industrial (winter only); Kioti and Mahindra farm tractors.</li> <li>Suitable for use where Clark Lift Truck TA12, TA18; Heist<sup>*</sup>; Kalmar<sup>*</sup>; Kessler<sup>*</sup>; Hyster<sup>*</sup>; and Fantuzzi<sup>*</sup> industrial equipment (winter only) requirements are called for.</li> <li>Suitable for use against API GL-4 and Caterpillar TO-2.</li> <li>Suitable for use where Clark HR 500; Allison C-4 Fluid and C-3 Fluid requirements are called for.</li> </ul>	<ul style="list-style-type: none"> <li>Meets JDM J20B, JDM J14C, JD 303 Fluid</li> <li>Suitable for use in applications that call for CNH (Case I.H., J.I. Case New Holland Group) 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-1802, Q-1766B, Q-1722, Q-1705; Massey-Ferguson M-1129/A, M-1127-A/B, M-1110; AGCO/Deutz-Allis/Allis 257541, 246634; Versatile Hydraulic/Gear Fluid Spec 24M and Spec 23M; Hesston-Fiat AF-87; Sundstrand Hydrostatic Transmission Fluid; Dresser Construction Equipment, Transmission/Hydraulic Fluid.</li> </ul>
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"> <li>Surpasses John Deere OEM specification JDM J20C.</li> <li>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, White Farm (Oliver) Q-1826, Hydraulic Transmission Fluid (HTF); Massey-Ferguson M-1141, M-1135, M-1143; M-1145 (For UTTO applications only. Do not use in STOU engine applications); AGCO/Deutz-Allis/Allis: Power Fluid 821XL, 272843; <b>GIMA MF CMS M1145 (Approved)</b>, GIMA MF CMS M1141; Valtra G2-98; New Holland 410E; <b>Volvo Std 1273.03 - 97303 WB 101 (Approved)</b>; Kubota UDT; Steiger Hydraulic Transmission Fluid (SEMS 17001); Versatile ESN-M2C134-D; Landini (Tractor II Hydraulic Fluid); Komatsu KES 07.866; Hesston-Fiat (Olioifat Tutela Multi-F).</li> <li>Suitable for use in Mahindra farm tractors; Voith Heavy Industrial, Hitachi Heavy Industrial and AECON/Miller Equipment.</li> <li>Suitable for use where Clark Lift Truck TA12, TA18; ZF Transmission TE-ML 03E, 05F, 06K, 21F (axles); Heist<sup>*</sup>; Kalmar<sup>*</sup>; Kessler<sup>*</sup>; Hyster<sup>*</sup>; and Fantuzzi<sup>*</sup> industrial equipment requirements are called for.</li> <li>Suitable for use against API GL-4 and Caterpillar TO-2.</li> <li>Suitable for use where Clark HR 500; Allison C-4 Fluid and C-3 Fluid requirements are called for.</li> </ul>	<ul style="list-style-type: none"> <li>Meets JDM J20A, JDM J14B, JD 303 Fluid</li> <li>Suitable for use in applications that call for CNH (Case I.H., J.I. Case New Holland Group) 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-1802, Q-1766B, Q-1722, Q-1705; Massey-Ferguson M-1129/A, M-1127-A/B, M-1110; AGCO/Deutz-Allis/Allis 257541, 246634; Versatile Hydraulic/Gear Fluid Spec 24M and Spec 23M; Hesston-Fiat AF-87; Sundstrand Hydrostatic Transmission Fluid; Dresser Construction Equipment, Transmission/Hydraulic Fluid.</li> </ul>

<sup>\*</sup>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.

NOTE: For full approval listing, see the tech data sheets.

# TRANSMISSION DRIVE TRAIN OILS

## PERFORMANCE BENEFITS

- PRODUCO™ TO-4<sup>+</sup> 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.
- PRODUCO FD-1 oils are designed to meet Caterpillar FD-1 Final Drive lubricant specifications.

## PRODUCO

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

\*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"><li>For both oil-injected and pre-mixed gasoline/oil lubricated engines.</li><li>Controls deposit formation/ring-sticking.</li><li>Minimizes spark plug fouling and engine pre-ignition.</li><li>Provides excellent protection against rust and corrosion.</li><li>Mixes easily with gasoline and pumps down to -40°C/-40°F.</li><li>Very low smoke emissions and low ash levels.</li></ul>	<ul style="list-style-type: none"><li>Dyed blue-green for easy detection of gasoline/oil mixtures.</li><li>Certified against JASO FC.</li><li>Meets the requirements of ISO-L-EGC and API TC.</li><li>SAE Fluidity/Miscibility (F/M) Grade 4.</li><li>Recommended for use in motorcycles, mopeds, snowmobiles, chain saws, generators, lawn mowers, weed trimmers and other landscaping equipment.</li><li>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 &amp; Stratton and Yamaha.</li><li>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.</li></ul>

CHAIN, PAPER  
MACHINE AND  
SAW GUIDE OILS.  
**START PURE.  
FINISH STRONG.**

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

Visit [lubricants.petro-canada.com](http://lubricants.petro-canada.com) to find out more.



AN HF SINCLAIR BRAND

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

# 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"><li>Economical, tacky.</li><li>Designed to reduce dripping and throw-off.</li><li>Can be used as a general purpose lubricant where oil control or tackiness is required.</li><li>Available in the following viscosity grades: 32 (dyed red), 68, 100, 150 (dyed red).</li></ul>
For use only in chain saws and timber harversters	Petro-Canada Bar and Chain Oils	<ul style="list-style-type: none"><li>Contains LUBE-LOCK Technology designed for greater adherence/tackiness to bars and chains.</li><li>Available in 32 and 150 viscosity grades.</li></ul>

## PAPER MACHINE OILS

Application	Product	Performance Features
Paper machine oil	SEPRO™ XL	<ul style="list-style-type: none"><li>Long-lasting, zinc-free fluid that resists degradation, extends drain intervals and minimizes the need for change-outs.</li><li>Outstanding protection against wear for smooth and reliable operation, extended equipment life and reduced maintenance.</li><li>Excellent protection against rust and corrosion as well as good water separation and foaming resistance.</li><li>Available in ISO VG 150 and 220 and suitable for both dry and wet ends of paper machine circulating systems.</li></ul>
Paper machine oil	SEPRO PM	<ul style="list-style-type: none"><li>Zinc-based fluid with excellent oxidative and thermal stability leading to longer oil life and extended drain interval.</li><li>Excellent anti-wear protection to reduce wear on loaded components.</li><li>Protects equipment longer for increased uptime and reliable operation.</li><li>Excellent resistance to foaming and excellent air release properties to provide a consistent lubrication film.</li><li>Available in the following viscosity grades: 150, 220.</li></ul>

## SAW GUIDE OILS

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



PETRO-CANADA  
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.

Visit [lubricants.petro-canada.com](http://lubricants.petro-canada.com) to find out more.



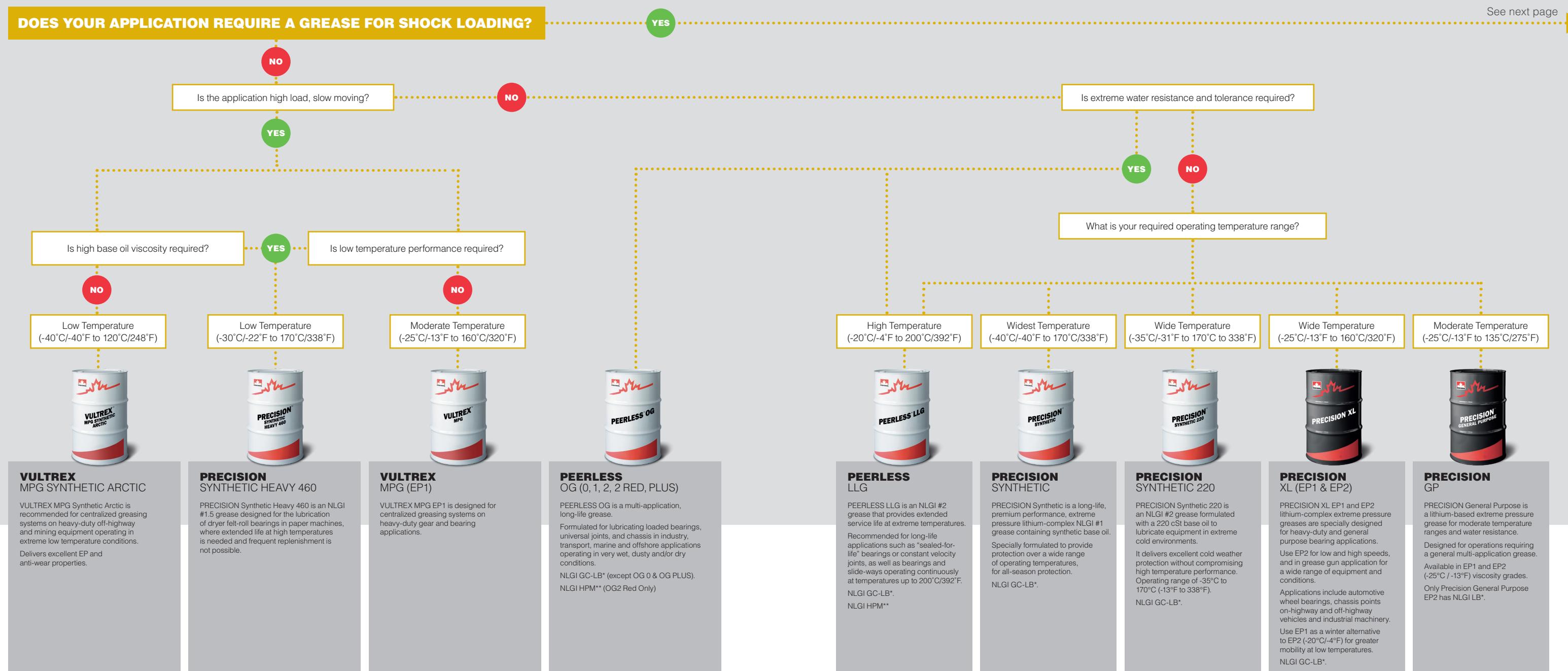
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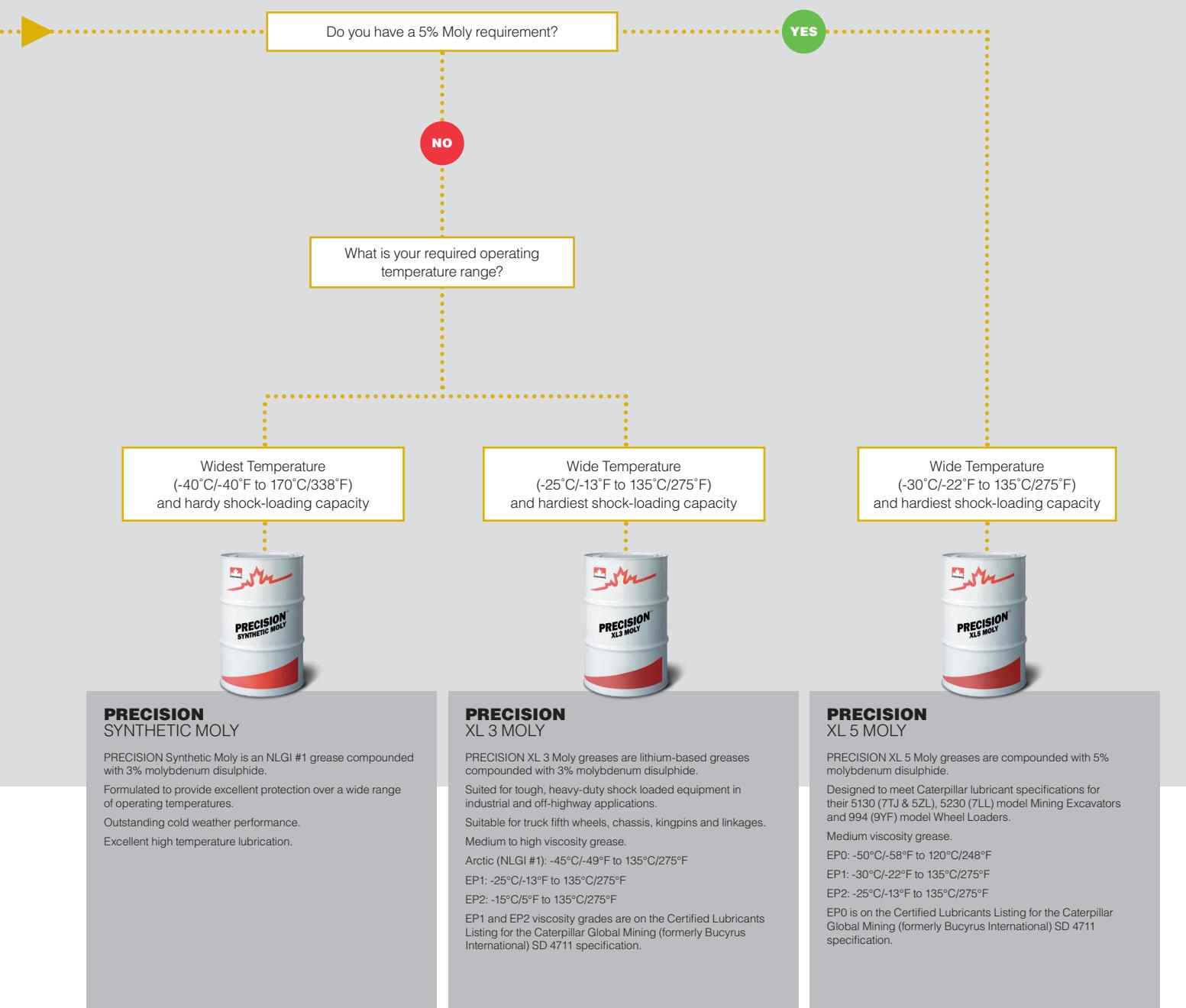
# MULTI-APPLICATION GREASES

## 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.
- VULTREX™ MPG grease provides excellent lubrication for off-road equipment in bearings or bushings subject to high pressures or heavy shock loading.
- VULTREX G-124 is a red tacky grease designed for visibility and to lubricate heavy-duty truck components such as wheel bearings, kingpins, and chassis points.
- VULTREX GEAR SHIELD® NC provides lubrication of open gear sets, including Autogenous, SAG, ball and rod mills.

## DOES YOUR APPLICATION REQUIRE A GREASE FOR SHOCK LOADING?



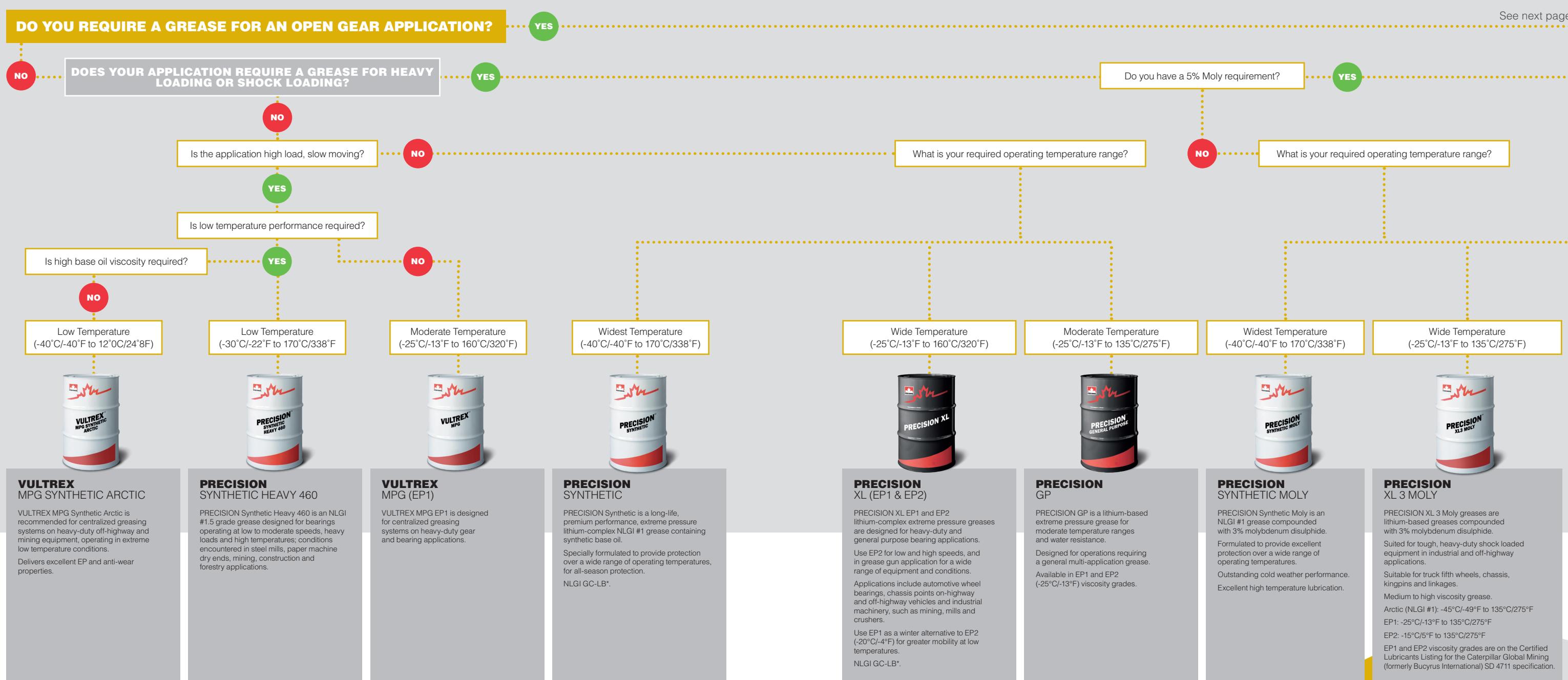


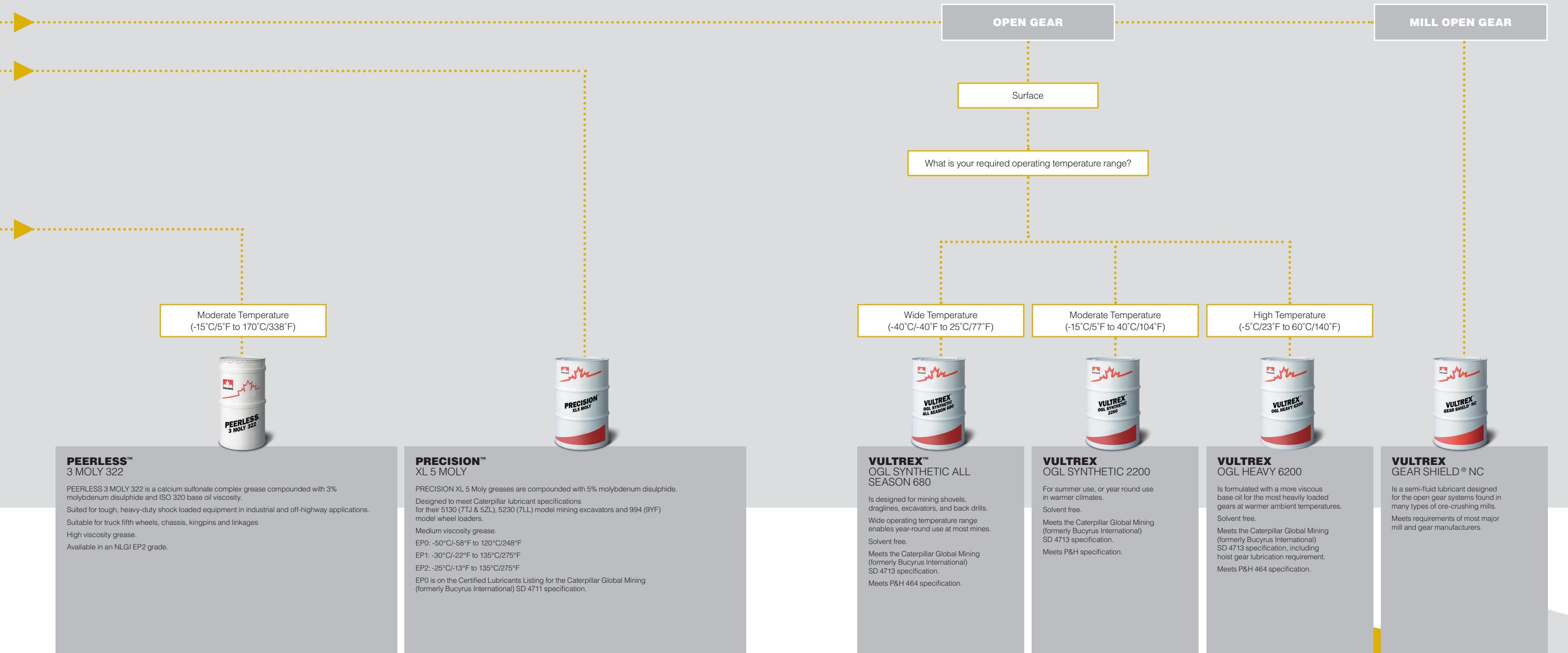
Note: Temperature ranges listed are "operating temperatures."



# MINING GREASES

## DO YOU REQUIRE A GREASE FOR AN OPEN GEAR APPLICATION?





# SPECIALTY GREASES

## ROCK DRILL FLUIDS + DRILLING GREASES

Application	Product	Color	Performance Features	Operating Temperature
Air-operated rock drills	VULTREX Rock Drill EP000	Orange	<ul style="list-style-type: none"> <li>Lithium semi-fluid grease specially formulated for mist-free operation when used to lubricate air-operated rock drills and similar mining equipment.</li> <li>Reduces lubricant consumption and increases drill torque compared to rock drill oil.</li> <li>Meets the requirements of rock drill manufacturers such as Ingersoll-Rand, Joy, Parts Headquarters and other manufacturers.</li> </ul>	-20°C/4°F to 100°C/212°F
Diamond drill rods	VULTREX Drill Rod Heavy Grease	Dark Green	<ul style="list-style-type: none"> <li>Barium-complex grease recommended for use on diamond drill rods where it reduces friction between the rod and rock strata.</li> <li>Outstanding grease tenacity enables successful lubrication to more than 2,000 foot drill depths without wash-off or wipe-off.</li> </ul>	-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"> <li>Ideal for use in equipment running at high air flow rates and high piston temperatures.</li> <li>Designed for low and high temperature conditions.</li> <li>Meets or surpasses major equipment manufacturers' specifications.</li> <li>ISO VG 32 is used for winter conditions.</li> <li>ISO VG 32 is recommended for use in plant air-line lubricators, especially where the air is water laden.</li> <li>ISO VG 46 is an all-season solution for the drilling industry designed to consolidate inventory and provide protection year round.</li> <li>ISO VG 68, 100 and 150 are used in underground mining operations to reduce oil consumption and misting.</li> <li>ISO VG 150 is recommended for Secan drills and in mining operations trying to reduce oil consumption and misting.</li> <li>ISO VG 220 is used in summer in large bore drills (greater than 10 cm/4 inch) in surface mines.</li> </ul>	

## SPECIALTY GREASES FOR HIGH TEMPERATURES

Application	Product	Color	Performance Features	Operating Temperature
Rail curves	PRECISION XL RAIL CURVE	Grey	<ul style="list-style-type: none"> <li>Rail curve grease is a water-resistant, graphite grease suitable for all-season use in mechanical applicators of trackslide lubrication systems (Portec, Lincoln) as well as on-board lubrication systems, such as the Clicomatic system.</li> </ul>	-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 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	Orange	<ul style="list-style-type: none"> <li>Synthetic high temperature long-life EP lithium-complex grease is specially formulated for dryer felt-roll bearings in paper machines.</li> </ul>	-30°C/-22°F to 170°C/338°F
Electric motor bearings	PRECISION SYNTHETIC EMB	Yellow	<ul style="list-style-type: none"> <li>Recommended for electric motor applications that are exposed to wider temperature range.</li> </ul>	-40°C/-40°F to 170°C/338°F
	PEERLESS POLY EMB	Blue	<ul style="list-style-type: none"> <li>Premium performance, long life multi-application polyurea grease formulated to reduce operating costs and provide long service protection over a wide range of operating temperatures.</li> </ul>	-25°C/-13°F to 163°C/325°F
	PEERLESS LLG	Purple	<ul style="list-style-type: none"> <li>Calcium Sulfonate Complex grease for high temperatures and long life applications.</li> </ul>	-20°C/-4°F to 200°C/392°F
High-speed flexible couplings	PEERLESS XCG FLEX	Yellow	<ul style="list-style-type: none"> <li>An ideal choice for use in high-speed flexible couplings, where severe centrifugal forces are generated. Meets AGMA coupling grease specifications CG-1 and CG-2.</li> </ul>	-20°C/-4°F to 163°C/325°F
Internal parts of valves used in natural gas plants	PEERLESS SVG 102	Grey	<ul style="list-style-type: none"> <li>Specially formulated for the lubrication of internal parts of valves employed in the production and distribution of sour gas in natural gas plants</li> </ul>	-35°C/-31°F to 163°C/325°F
Poorly sealed enclosed gearboxes	PRECISION XL EP000	Orange	<ul style="list-style-type: none"> <li>Formulated for poorly sealed enclosed gearboxes, e.g. continuous miner.</li> </ul>	-25°C/-13°F to 100°C/212°F
On-board lubrication systems	PRECISION XL EP00	Grey	<ul style="list-style-type: none"> <li>Semi-fluid lithium grease designed for on-board lubrication systems.</li> <li>Handles auto-greasing points on a truck.</li> </ul>	-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	Grey	<ul style="list-style-type: none"> <li>Calcium sulfonate complex grease with 3% molybdenum disulphide that is specifically formatted for truck fifth wheels, chassis and kingpins.</li> </ul>	-15°C/5°F to 170°C/338°F
Internal parts of valves used in natural gas plants	PEERLESS SVG 102	Grey	<ul style="list-style-type: none"> <li>Specially formulated for the lubrication of internal parts of valves employed in the production and distribution of sour gas in natural gas plants.</li> </ul>	-35°C/-31°F to 163°C/325°F

## TRUCKS/AUTOMOTIVE

Application	Product	Color	Performance Features	Operating Temperature
Trailer end hub axle bearings	PRECISION SYNTHETIC EP00	Yellow	<ul style="list-style-type: none"> <li>Specially formulated for rear end assemblies on trailers.</li> </ul>	-40°C/-40°F to 170°C/338°F
Heavy-duty truck components	VULTREX G-124	Red	<ul style="list-style-type: none"> <li>Is a 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.</li> </ul>	-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.

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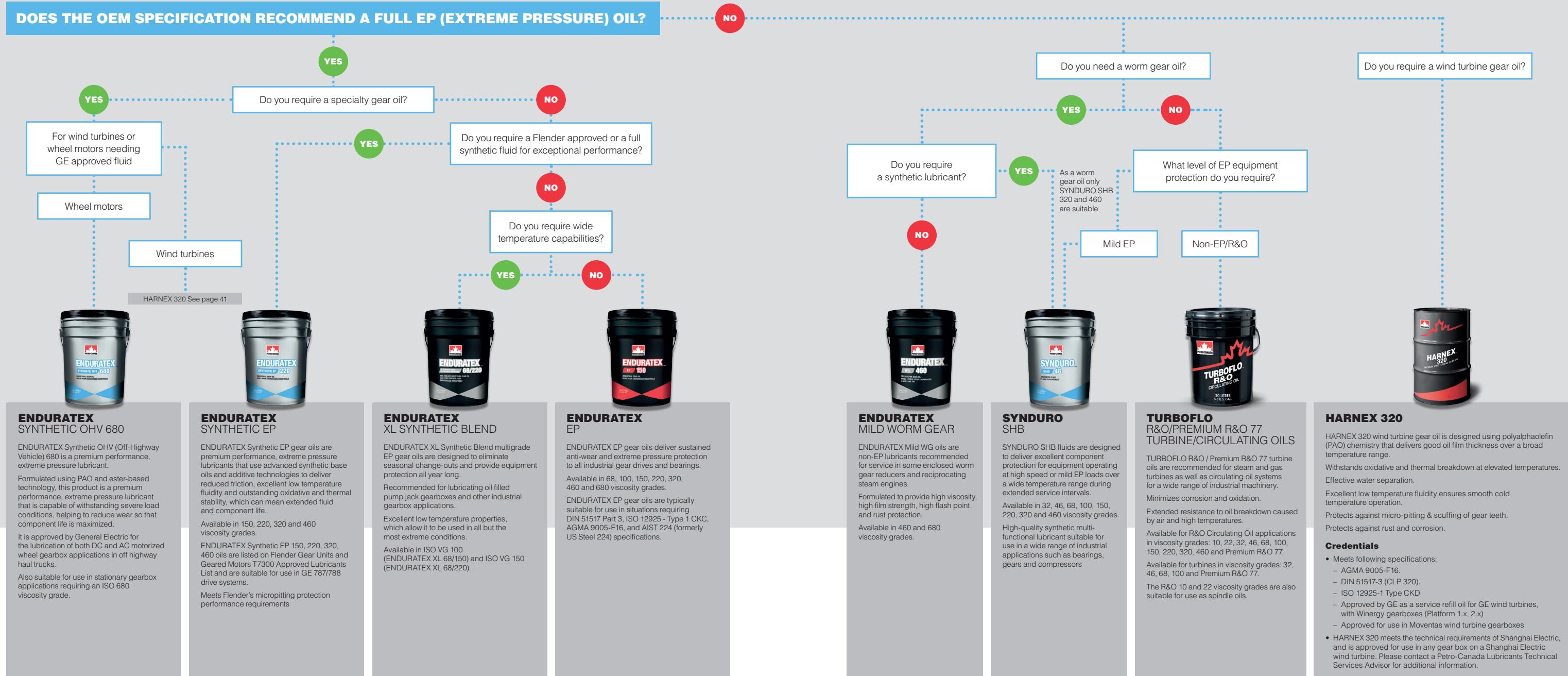
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# INDUSTRIAL GEAR OILS

## 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.
- HARNEX™ 320 is a premium synthetic wind turbine gear oil designed to provide exceptional anti-wear/EP protection and corrosion control.

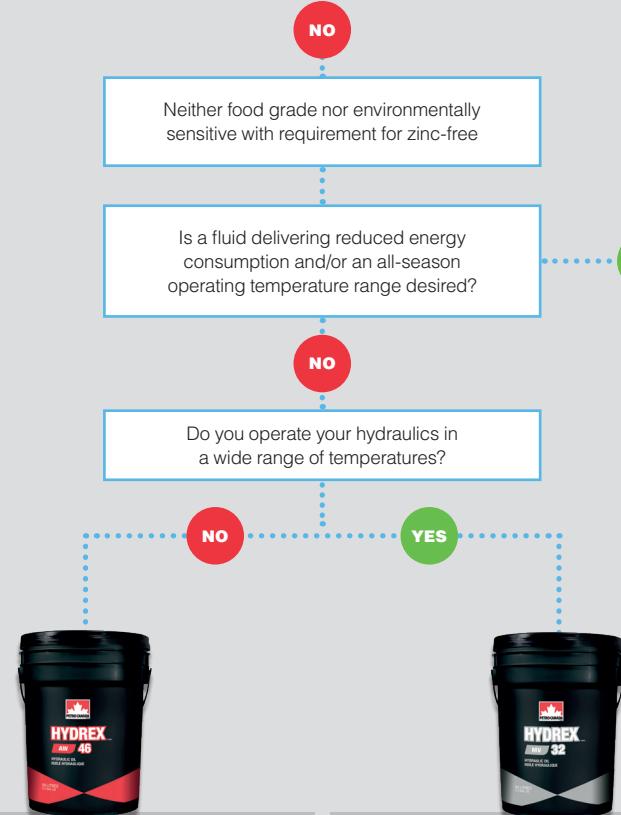
## DOES THE OEM SPECIFICATION RECOMMEND A FULL EP (EXTREME PRESSURE) OIL?



# INDUSTRIAL HYDRAULIC FLUIDS

Although ENVIRON™ products are biodegradable it doesn't mean they can be used in food grade areas. They are not NSF H1 products.

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



**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 offer excellent protection against corrosion and varnish. Available in viscosity grades 22, 32, 46, 68, 80 and 100. Energy efficiencies could be realized.



**HYDREX MV**  
HYDREX MV is recommended for heavy-duty hydraulic applications operating at high pressures and in wide temperature range conditions. HYDREX MV fluids are ideally suited for piston gear and vane hydraulic pumps used in industrial, marine, woodlands, mining and other mobile hydraulic systems. These fluids offer minimal fluid friction at low start-up temperatures and maintain optimum viscosity and excellent protection at high operating temperatures. Available in viscosity grades 22, 32, 46 and 68. Energy efficiencies could be realized.



**HYDREX XV ALL SEASON**  
HYDREX XV All Season is recommended for year-round use in equipment that has to be started at temperatures as low as -34°C (-29°F) and it will continue to perform well at operating 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 multigrade fluids are inherently biodegradable, designed for year-round use in equipment operating in wide temperature ranges.
- ENVIRON MV R multigrade fluids are readily biodegradable, designed for year-round use in both mobile and stationary hydraulic systems 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.

## OTHER PRODUCTS

Specialty Hydraulics	Application
HYDREX Extreme	<ul style="list-style-type: none"> <li>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 60°C/140°F.</li> <li>Oxidation stability helps extend drains and reduces sludge build-up and varnish deposits.</li> <li>It is ashless (free of zinc and other heavy metals) and inherently biodegradable according to OECD 301B test protocol and recommended for vane, gear and axial piston hydraulic pumps used in marine, forestry, mining and other hydraulic systems.</li> <li>HYDREX Extreme is suitable for use in Liebherr Cranes.</li> </ul>
HYDREX MV Arctic 15	<ul style="list-style-type: none"> <li>Premium, high performance fluid designed for extremely cold temperature operations.</li> <li>Readily biodegradable according to OECD 301B test protocol 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.</li> </ul>
HYDREX DT 46	<ul style="list-style-type: none"> <li>Special anti-wear detergent/dispersant hydraulic fluid which provides thermal and oxidation stability similar to HYDREX AW.</li> <li>For use in systems prone to contamination.</li> </ul>



**ENVIRON AW**  
ENVIRON AW is ashless (free of zinc and other heavy metals), non-toxic, inherently biodegradable (according to OECD 301B test protocol) and recyclable. It is designed 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 viscosity grades 32, 46 and 68.



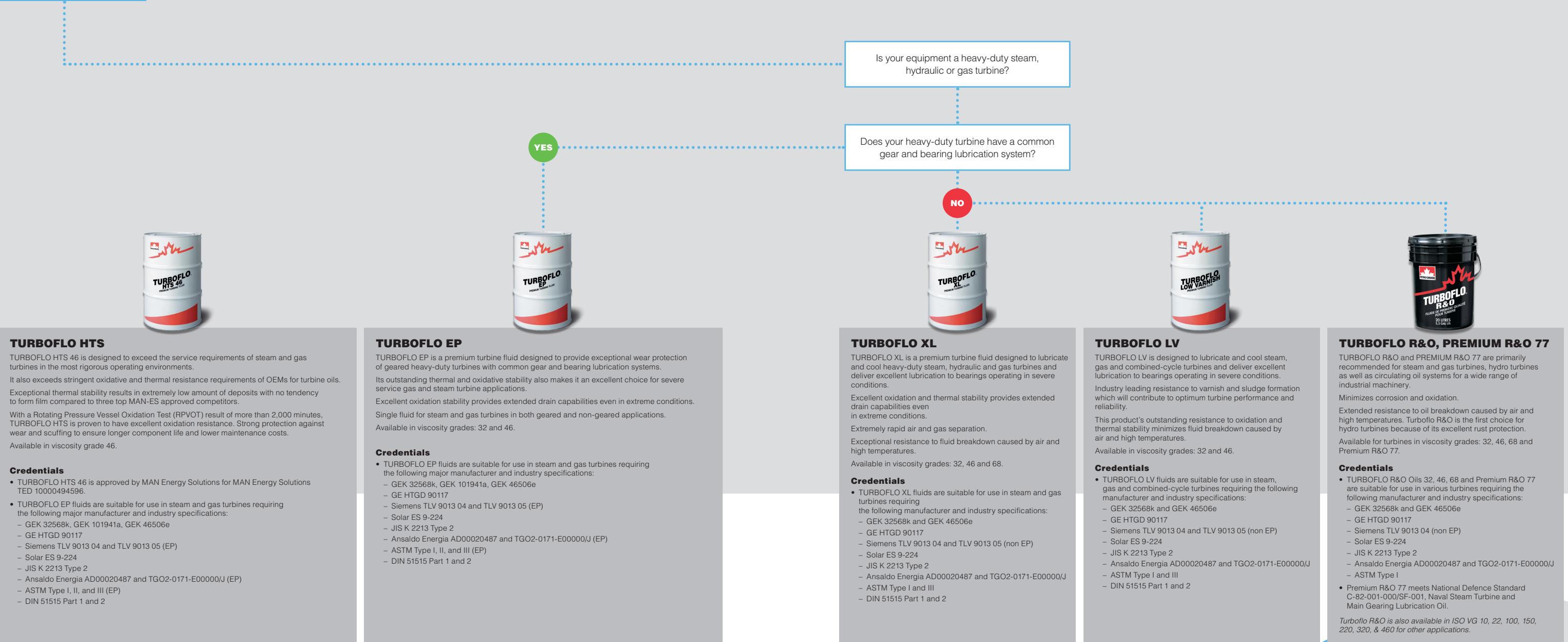
**ENVIRON MV**  
ENVIRON MV is ashless (free of zinc and other heavy metals), non-toxic, readily biodegradable (according to OECD 301B test protocols) and recyclable. It is formulated to provide outstanding anti-wear protection for extended equipment life in both indoor and outdoor seasonal use. Exceptional oxidation stability provides long oil life for fewer change-outs and minimizes sludge and varnish deposits. Energy efficiencies could be realized. Available in viscosity grades 32 and 46.



**ENVIRON MV R**  
ENVIRON MV R is ashless (free of zinc and other heavy metals), non-toxic, readily biodegradable (according to OECD 301B test protocols) and recyclable. It is formulated to provide outstanding anti-wear protection for extended equipment life in both indoor and outdoor seasonal use. Exceptional oxidation stability provides long oil life for fewer change-outs and minimizes sludge and varnish deposits. Energy efficiencies could be realized. Available in viscosity grades 32 and 46.

# TURBINE FLUIDS & WIND TURBINE GEAR OIL

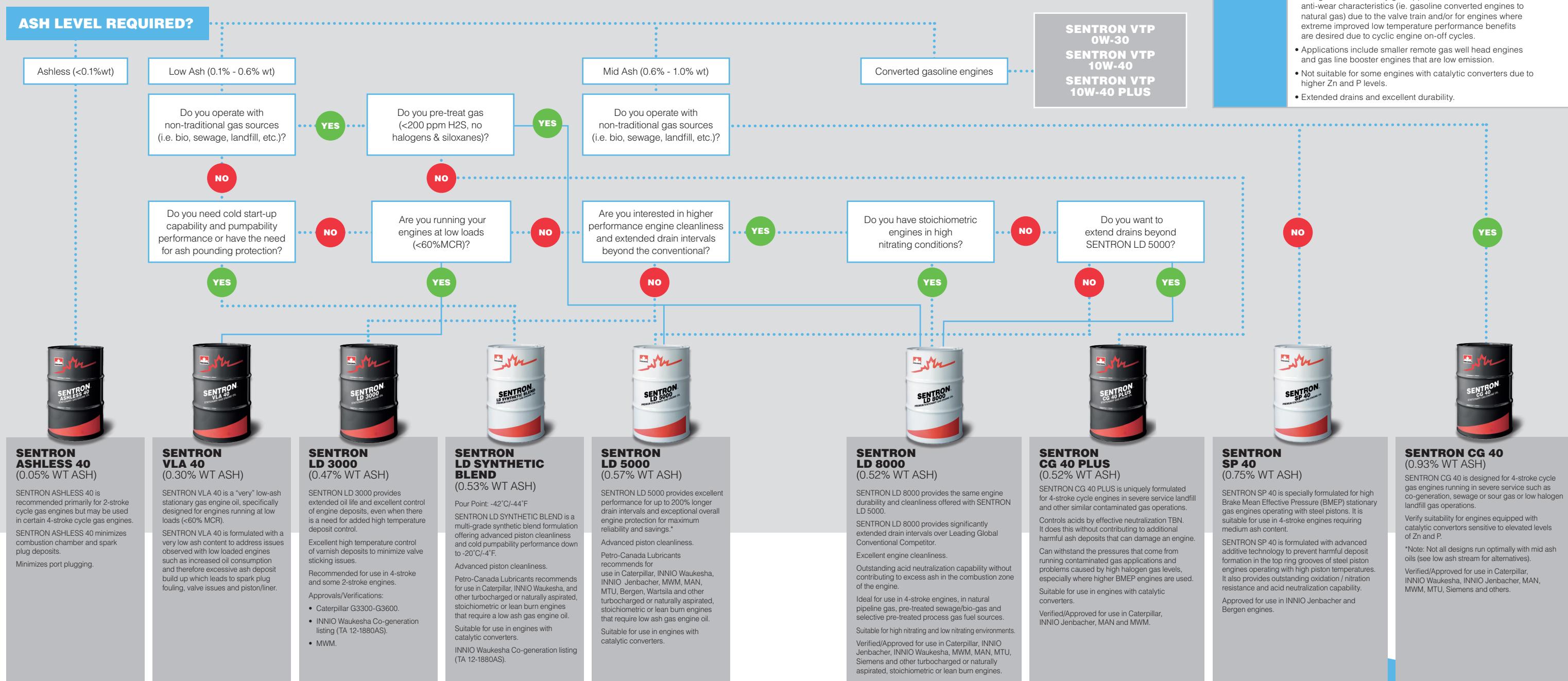
## TURBINE FLUIDS



## PERFORMANCE BENEFITS

- The TURBOFLOTM 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.

# 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.

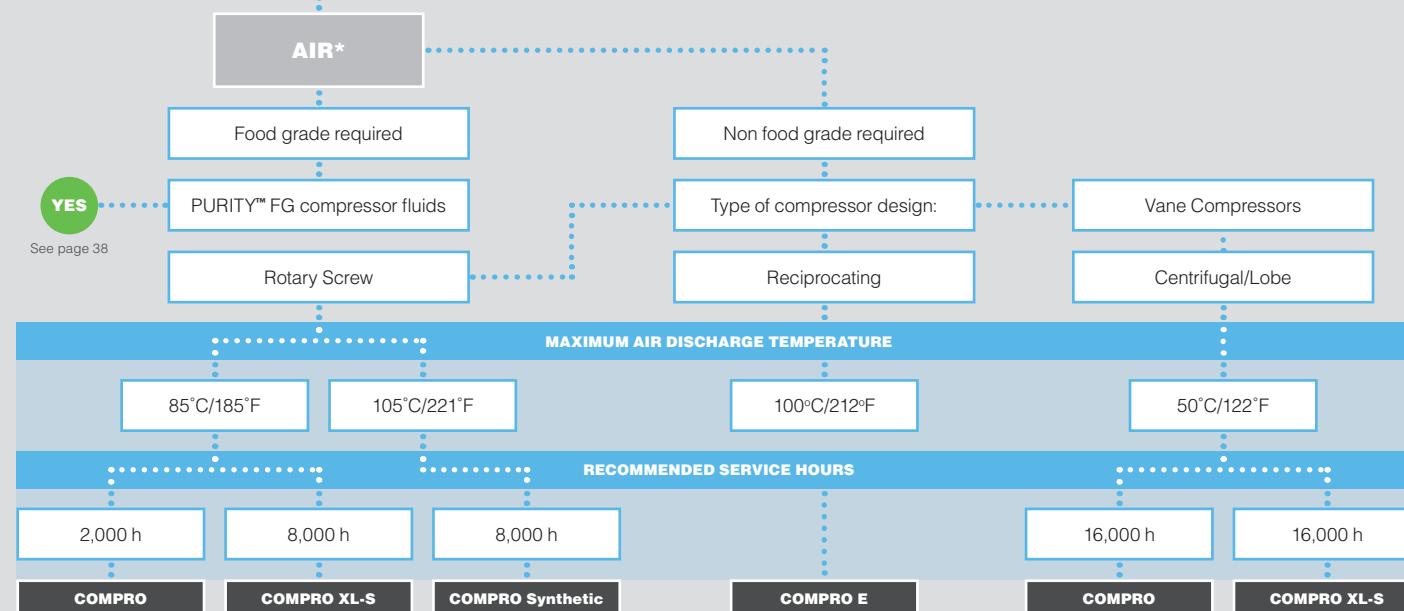
\*In Caterpillar G3500TALE engines running in gas compression, with >90% loads and pipeline quality fuel.

# COMPRESSOR FLUIDS

## PERFORMANCE BENEFITS

- COMPRO™ air compressor fluids provide long and highly reliable service life.
- Compressor Oils RP 268 and RP 460 natural gas compressor fluids provide excellent high temperature stability, good lubricity and wear protection.
- REFLO™ refrigeration compressor fluids ensure optimum performance in commercial refrigeration compressor systems.
- SPX™ 5000, 7000, 7100 and 7220 natural gas compressor fluids provide excellent lubrication and cooling for reciprocating and rotary screw compressors.
- 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.
- Consult a Technical Services Advisor to confirm the correct lubricant application.

### WHAT TYPE OF GAS IS BEING COMPRESSED?



#### COMPRO

COMPRO fluids are ashless air compressor fluids designed to provide long and highly reliable service life in industrial air compressor applications.

Available in viscosity grades 32 and 68.



#### COMPRO XL-S

COMPRO XL-S fluids resist oxidative breakdown better than some leading synthetic PAO based fluids. Provides up to 8,000 hours of continuous service in rotary screw compressors. Formulated from a custom blend of polyalkylene glycol (PAG) and ester fluids, combined with an effective inhibitor package.



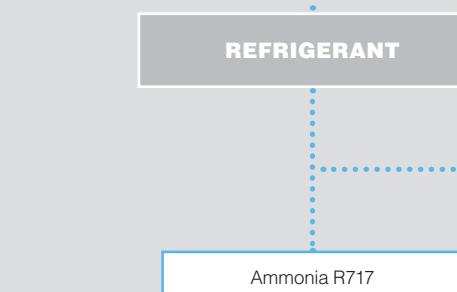
#### COMPRO SYNTHETIC

COMPRO Synthetic fluids are 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. Ester based fluids that are compatible with mineral oil products and with standard rubbers/elastomers used in most compressor components. Available in viscosity grades 46, 68, 100 and 150. Reference Tech Bulletin TB-1217.



#### COMPRO E

COMPRO E fluids are fully synthetic, high performance ester based lubricants designed to provide superior protection in rotary screw, rotary vane, centrifugal, and reciprocating air compressors. Ester based fluids that are compatible with mineral oil products and with standard rubbers/elastomers used in most compressor components. Available in viscosity grades 46, 68, 100 and 150.



#### REFLO 46A & 68A

REFLO 46A and 68A are formulated from pure paraffinic base stocks and provide exceptional service in ammonia refrigeration systems. With proper change-out procedures, may result in reduced oil carry over and lower fluid consumption. Available in viscosity grades 46 and 68.



#### REFLO XL SYNTHETIC BLEND

REFLO XL Synthetic Blend delivers reliable, long-term performance in ammonia refrigeration systems. Strong thermal and oxidation stability delivers reduced fluid breakdown, leading to longer fluid life for fewer change-outs and reduced costly downtime. Delivers very strong low temperature fluidity and can be used in ammonia refrigeration systems where evaporator temperatures are greater than -42°C/-44°F. Specially formulated with seal swell agent for reduced seal shrinkage. Improved anti-wear capabilities for longer equipment life.



#### REFLO SYNTHETIC 68A

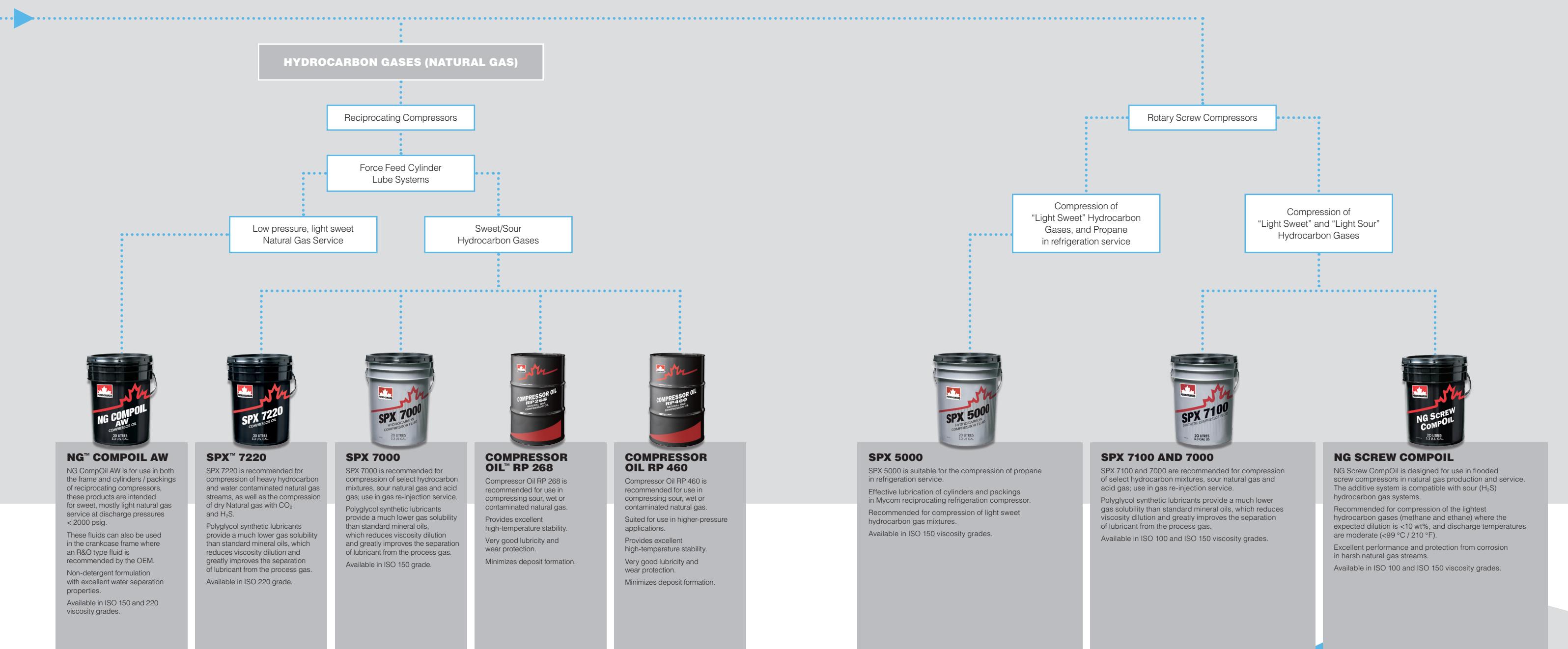
REFLO Synthetic 68A is a PAO formulated to lubricate ammonia refrigeration compressors used in large commercial operations such as cold stores, marine systems and food processing plants. PAO, specially formulated with seal swell agent. Excellent performance at extreme low temperatures such as in blast freezers that have very low evaporator temperatures (-51°C/-60°F or above). Stability is improved over some competitive synthetic oils. Product is compatible with common elastomers, paints and plastics.



#### REFLO CFC

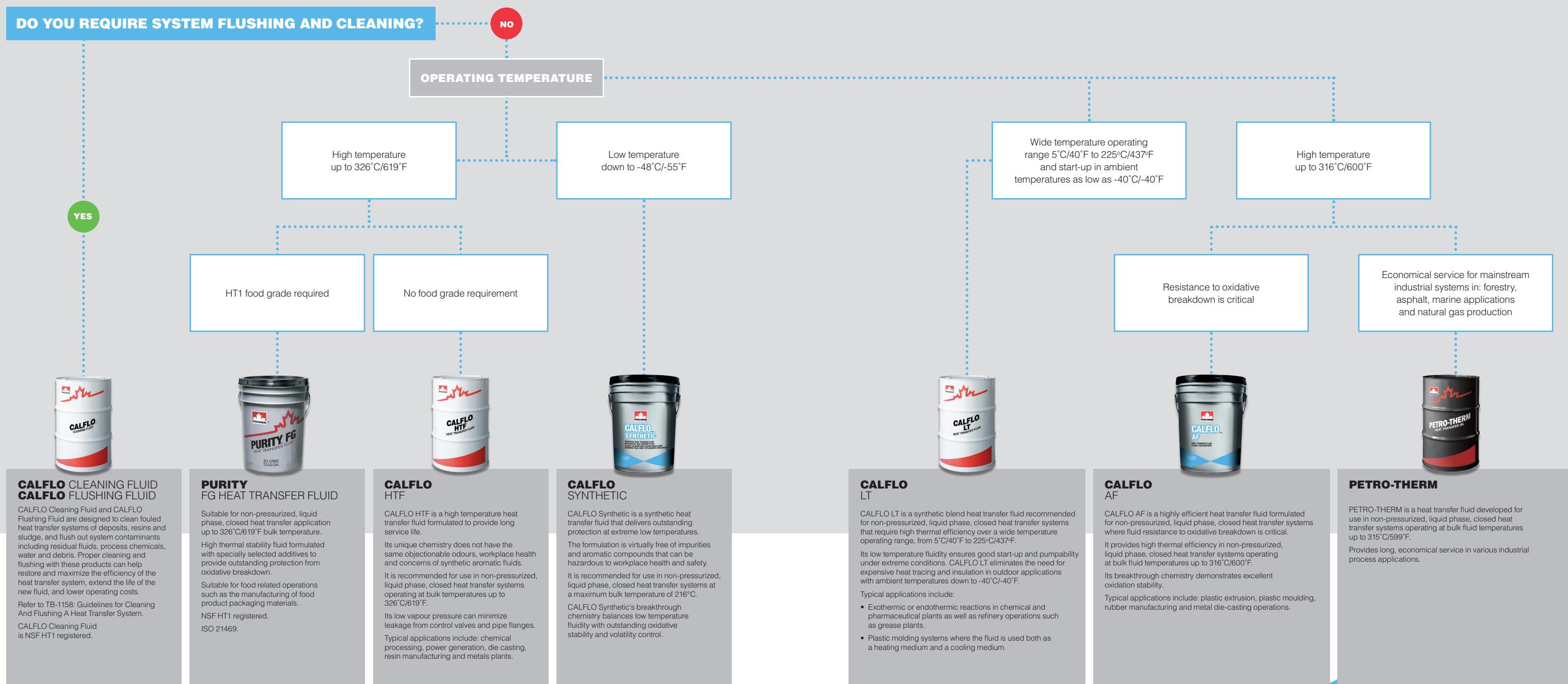
REFLO CFC is a highly refined naphthenic oil formulated for use in systems using chlorinated fluorocarbon (CFC) refrigerants such as R11, R12, R-113, R-114, and R-115. Can also be used in ammonia refrigeration systems where evaporating temperatures are as low as -31°C/-24°F.

\*Not for use in breathing air apparatus and medical equipment.



# HEAT TRANSFER FLUIDS

## DO YOU REQUIRE SYSTEM FLUSHING AND CLEANING?





# 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.

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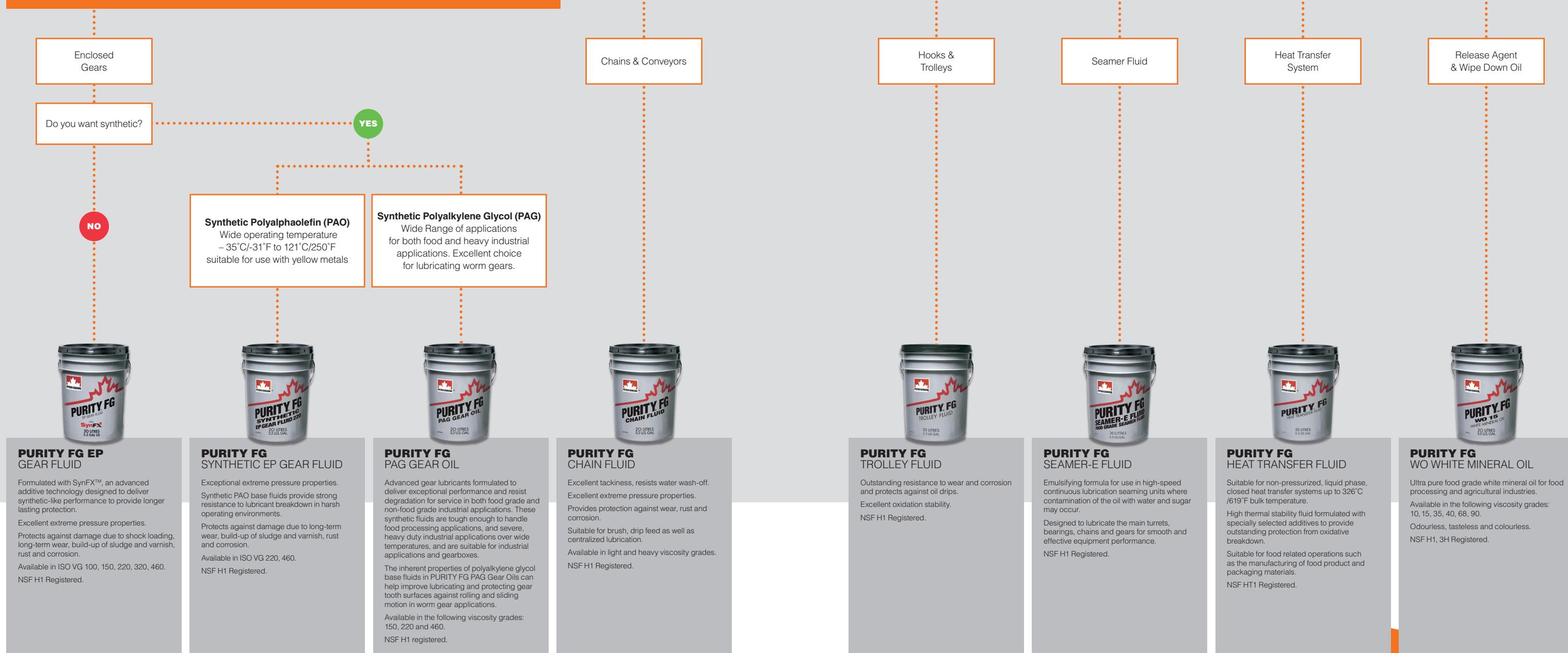
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# FOOD GRADE LUBRICANTS

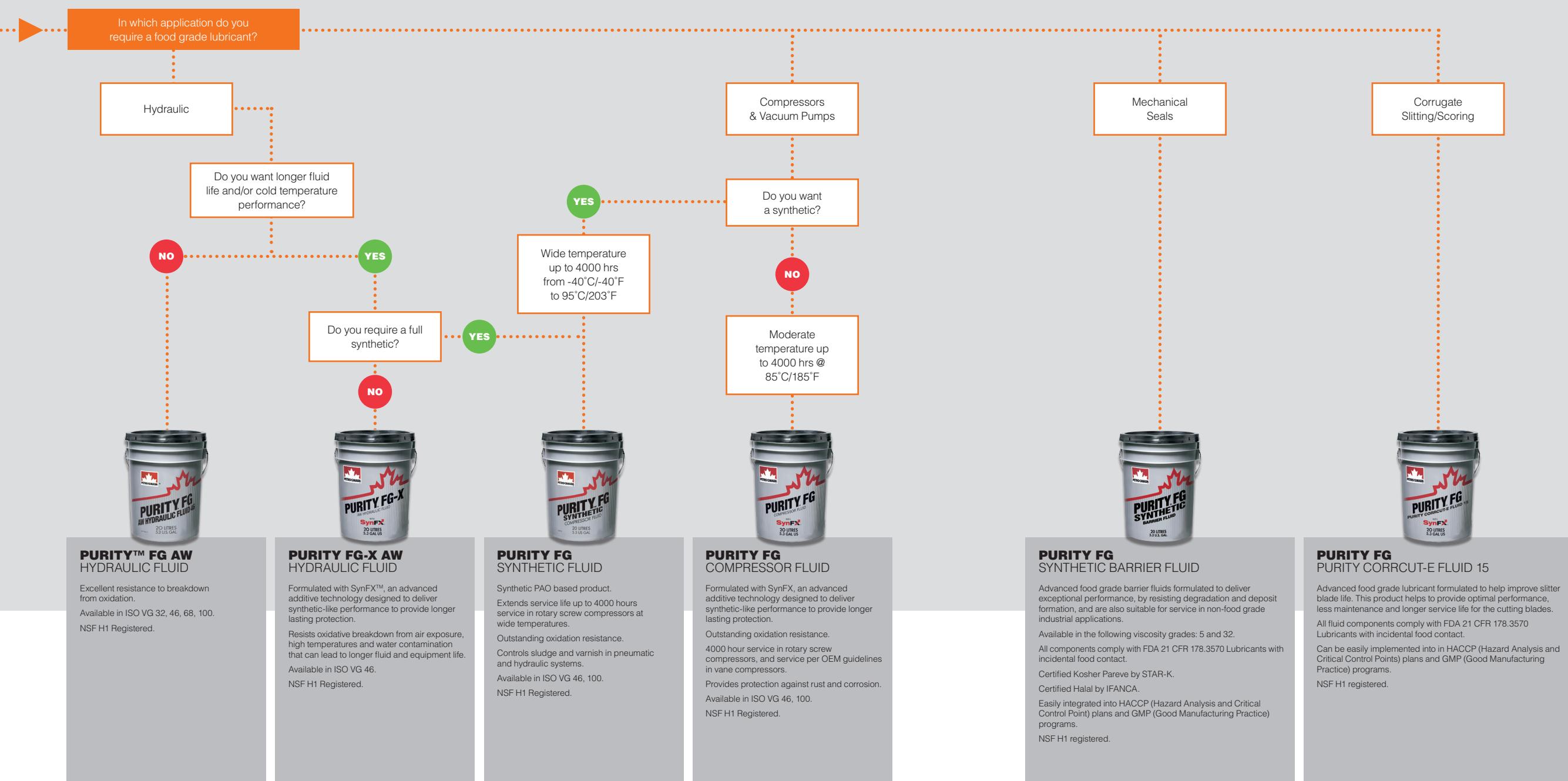
## PERFORMANCE BENEFITS

- 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.

## IN WHICH APPLICATION DO YOU REQUIRE A FOOD GRADE LUBRICANT?

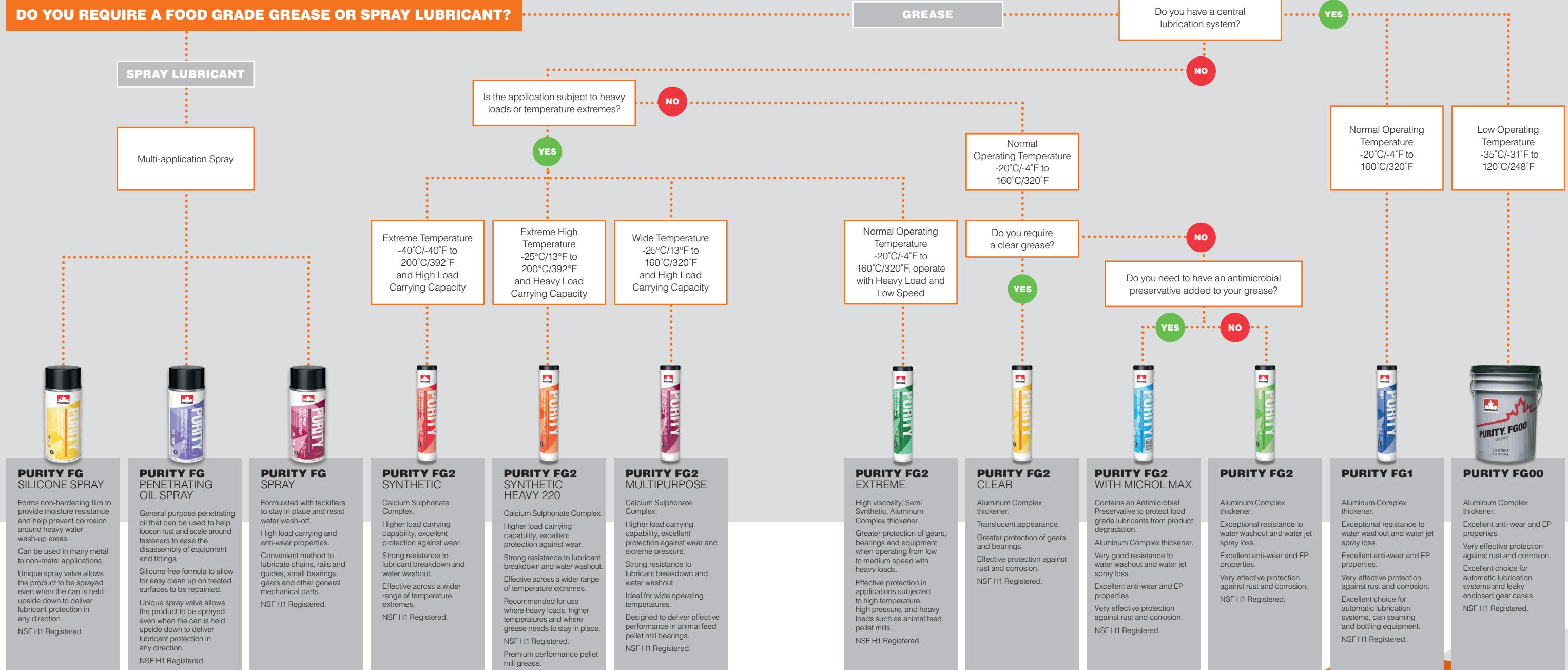


# FOOD GRADE LUBRICANTS



# FOOD GRADE LUBRICANTS

## DO YOU REQUIRE A FOOD GRADE GREASE OR SPRAY LUBRICANT?



MICROL™ MAX is an antimicrobial product preservative.



# 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.

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# 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"> <li>Enables smooth motion, reduces friction.</li> <li>Improves workpiece finish and accuracy through reduced stick-slip chatter.</li> <li>Outstanding tackiness reduces wash-off by coolants and promotes excellent adhesion to metal surface.</li> <li>Recommended for horizontal slides and moderately loaded machine tools.</li> <li>Better adhesion can reduce product usage resulting in lower costs.</li> <li>Is light in colour.</li> </ul>	<ul style="list-style-type: none"> <li>Passes Bijur's filtration test #2107.</li> <li>GM LS2.</li> <li>Fives (formerly MAG IAS/Cincinnati) P-47.</li> </ul>
Vertical slides or heavy-duty machine tools such as planers and boring mills	ACCUFLO TK 220	<ul style="list-style-type: none"> <li>Enables smooth motion, reduces friction.</li> <li>Improves workpiece finish and accuracy through reduced stick-slip chatter.</li> <li>Outstanding tackiness reduces wash-off by coolants and promotes excellent adhesion to metal surface.</li> <li>Recommended for vertical slides and heavy-duty machine tools.</li> </ul>	<ul style="list-style-type: none"> <li>GM LS2.</li> <li>Fives (formerly MAG IAS/Cincinnati) P-50.</li> </ul>
Slideways of machine tools	PC Waylube™ 68	<ul style="list-style-type: none"> <li>Reduces stick-slip chatter.</li> <li>Reduces wear caused by metal-to-metal contact.</li> <li>Less tacky than ACCUFLO TK 68.</li> <li>Is a light coloured product.</li> </ul>	<ul style="list-style-type: none"> <li>GM LS2.</li> <li>Fives (formerly MAG IAS/Cincinnati) P-47.</li> </ul>

## MISCELLANEOUS

Application	Product	Performance Features/Credentials
Vacuum pump fluids	SUPER VAC™ Fluid	<ul style="list-style-type: none"> <li>Helps maximize pump vacuum efficiency with extremely low vapour pressures.</li> <li>Resistant to high temperature fluid break down. Performance like some synthetic products.</li> <li>Ashless formulation.</li> <li>Available in the following vacuum pump grades: 15, 19, 20, 70.</li> <li>NSF H2 Registered.</li> </ul>
Slitter and scorer equipment	Purity™ FG Corrcut-E Fluid 15	<ul style="list-style-type: none"> <li>Helps provide longer life for trim blades.</li> <li>Effectively removes starch from the blade surface allowing for better cutting performance.</li> <li>Improved felt absorption to help reduce excess oil clean-up.</li> <li>NSF H1 Registered.</li> </ul>



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

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# ELECTRICAL INSULATING OILS

## PERFORMANCE BENEFITS

- LUMINOL™'s improved cold temperature properties keep your transformers operating at their best in the harshest conditions.
- LUMINOL's isoparaffinic base oil provides superior heat transfer properties compared to naphthenic oils, helping transformers operate cooler in hot ambient temperatures.
- Virtually sulfur-free, with no corrosive sulfur which can be harmful to transformer and load tap changer components.
- LUMINOL is made from an ultra-refined isoparaffinic base oil - unlike the conventional oil you're currently using — and offers improved transformer service life and reliability.
- LUMINOL is fully compatible with conventional oils. Even a small amount of LUMINOL in a top-off enhances the chemical and electrical properties of naphthenic oils.
- LUMINOL weighs less at the same volume than naphthenic oils. This can translates into reduced transportation costs.

## LUMINOL

Application	Product	Performance Features	Credentials
Designed for inhibited, Type II applications (Ideal for use in large power and distribution transformers operating at peak capacity, free-breathing units, and pole and pad mounted transformers)	LUMINOL TRI	<ul style="list-style-type: none"> <li>Negative gassing tendency.</li> <li>Less dense than traditional mineral oils.</li> <li>Ultra-pure, inherently biodegradable in natural environments.</li> <li>Free of carcinogenic polynuclear aromatics (PNAs).</li> <li>Colourless.</li> <li>Fully compatible with existing mineral oils.</li> <li>Exceptional oxidation stability.</li> <li>PCB free.</li> <li>Exceptional cold weather properties.</li> <li>Excellent heat transfer capability.</li> <li>High dielectric impulse strength and low dielectric-loss.</li> </ul>	<ul style="list-style-type: none"> <li>Meets or exceeds performance requirements of ASTM D3487 and CAN / CSA-C50-14 (R2018) (Class A and B) standard.</li> <li>DOBLE TOPS.</li> <li>Meets the performance requirements of IEC 60296 general specifications for fully inhibited high grade oil (Type A).</li> <li>Meets CSA-C50-14 (R2018) upgraded oxidation stability Special Requirements for Type IV liquids.</li> <li>Rated non-corrosive as tested by ASTM D1275-15 (Formerly D1275B) and IEC 62535.</li> </ul>
Designed for inhibited, 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"> <li>Fully compatible with existing mineral oils.</li> <li>Less dense than traditional mineral oils.</li> <li>Ultra-pure, free of carcinogenic polynuclear aromatics (PNAs).</li> <li>Colourless and low-scent.</li> <li>Low gassing tendency.</li> <li>Exceptional oxidation stability.</li> <li>PCB free.</li> <li>Exceptional cold weather properties.</li> <li>Excellent heat transfer capability.</li> <li>High dielectric impulse strength and low dielectric-loss.</li> </ul>	<ul style="list-style-type: none"> <li>Meets or exceeds the performance requirements of CAN / CSA-C50-14 (R2018) (Class A and B).</li> <li>Meets or exceeds the performance requirements of ASTM D3487 standard.</li> <li>Rated non-corrosive as tested by ASTM D1275-15 (Formerly D1275B) and IEC 62535.</li> </ul>
Designed for inhibited, Type II applications (Ideal for use in distribution transformers)	LUMINOL Di	<ul style="list-style-type: none"> <li>Fully compatible with existing mineral oils.</li> <li>Less dense than traditional mineral oils.</li> <li>Free of carcinogenic polynuclear aromatics (PNAs).</li> <li>Very good cold temperature properties.</li> <li>Good oxidation stability <ul style="list-style-type: none"> <li>- PCB free.</li> <li>- Very good heat transfer capability</li> </ul> </li> <li>High dielectric impulse strength and low dielectric-loss</li> </ul>	<ul style="list-style-type: none"> <li>Meets the performance requirements of CAN / CSA-C50-14 (R2018) (Class B).</li> <li>Meets the performance requirements of ASTM D3487 standard.</li> <li>Rated non-corrosive as tested by ASTM D1275-15 (Formerly D1275B) and IEC 62535.</li> </ul>

# 360 SERVICE OFFER

## OUR COMPREHENSIVE SERVICE PROGRAM

### Our holistic approach to excellence.

When you work with a customer-focused lubricants partner, you can be confident that we'll go above and beyond to make your life easier and your business more successful.

Behind the exceptional performance of our products is a world of expertise and support to provide deeper knowledge of your operations and the widest range of services.

The knowledge, solutions, and tools you need are here to help you boost productivity, increase efficiency, reduce costs, and cut downtime.



### 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.



### 360 SERVICE OFFER 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 360 Service Offer Savings Solution can track your results so you see the tangible savings we guarantee.



### 360 SERVICE OFFER 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 360 Service Offer Oil Diagnostics website to get your diagnosis to help maximize oil and equipment life.



For more about 360 Service Offer services:  
[lubricants.petro-canada.com](http://lubricants.petro-canada.com)



AN HF SINCLAIR BRAND

# 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
<b>DURON HP 15W-40</b>	<b>DHP15</b>
DURON HP 15W-40 12X1L CASE	DHP15C12
DURON HP 15W-40 4X4L CASE	DHP15C16
DURON HP 15W-40 20L PAIL	DHP15P20
DURON HP 15W-40 2X10L CASE	DHP15C02
DURON HP 15W-40 205L DRUM	DHP15DRM
DURON HP 15W-40 1040L IBC	DHP15IBC
DURON HP 15W-40 BULK	DHP15BLK
<b>DURON SHP 10W-30</b>	<b>DSPH13</b>
DURON SHP 10W-30 12X1L CASE	DSPH13C12
DURON SHP 10W-30 4X4L CASE	DSPH13C16
DURON SHP 10W-30 20L PAIL	DSPH13P20
DURON SHP 10W-30 205L DRUM	DSPH13DRM
DURON SHP 10W-30 1040L IBC	DSPH13IBC
DURON SHP 10W-30 BULK	DSPH13BLK
<b>DURON SHP 15W-40</b>	<b>DSPH15</b>
DURON SHP 15W-40 12X1L CASE	DSPH15C12
DURON SHP 15W-40 4X4L CASE	DSPH15C16
DURON SHP 15W-40 20L PAIL	DSPH15P20
DURON SHP 15W-40 205L DRUM	DSPH15DRM
DURON SHP 15W-40 1040L IBC	DSPH15IBC
DURON SHP 15W-40 BULK	DSPH15BLK
<b>DURON UHP 0W-30</b>	<b>DUHP03</b>
DURON UHP 0W-30 12X1L CASE	DUHP03C12
DURON UHP 0W-30 4X4L CASE	DUHP03C16
DURON UHP 0W-30 20L PAIL	DUHP03P20
DURON UHP 0W-30 205L DRUM	DUHP03DRM
DURON UHP 0W-30 1040L IBC	DUHP03IBC
DURON UHP 0W-30 BULK	DUHP03BLK
<b>DURON UHP 15W-40</b>	<b>DUHP04</b>
DURON UHP 15W-40 4X4L CASE	DUHP04C16
DURON UHP 15W-40 20L PAIL	DUHP04P20
DURON UHP 15W-40 205L DRUM	DUHP04DRM
DURON UHP 15W-40 1040L IBC	DUHP04IBC
DURON UHP 15W-40 BULK	DUHP04BLK
<b>DURON UHP 5W-30</b>	<b>DUHP53</b>
DURON UHP 5W-30 12X1L CASE	DUHP53C12
DURON UHP 5W-30 4X4L CASE	DUHP53C16
DURON UHP 5W-30 20L PAIL	DUHP53P20

## DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 4X4L CASE

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

DURON UHP 5W-30 4040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

DURON UHP 5W-30 4040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

DURON UHP 5W-30 4040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

DURON UHP 5W-30 4040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

DURON UHP 5W-30 4040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

DURON UHP 5W-30 4040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

DURON UHP 5W-30 4040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

DURON UHP 5W-30 4040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

DURON UHP 5W-30 4040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

DURON UHP 5W-30 4040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

DURON UHP 5W-30 4040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

DURON UHP 5W-30 4040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

DURON UHP 5W-30 4040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

DURON UHP 5W-30 4040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

DURON UHP 5W-30 4040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

DURON UHP 5W-30 4040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

DURON UHP 5W-30 4040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

DURON UHP 5W-30 4040L IBC

DURON UHP 5W-30 BULK

DURON UHP 5W-30 205L DRUM

DURON UHP 5W-30 1040L IBC

DURON UHP 5W-30 12X1L CASE

DURON UHP 5W-30 20L PAIL

<b>SUPREME C3 SYNTHETIC 5W-30</b>	
MOSNC53	TRAXON SYNTHETIC 75W-85
MOSNC53C12	TRAXON SYNTHETIC 75W-85 205L DRUM
MOSNC53C20	TRAXON SYNTHETIC 75W-85 20L PAIL
MOSNC53DRM	TRAXON SYNTHETIC 75W-85 1040L IBC
MOSNC53BOX	HYDREX AW 100
MOSNC53BLK	HYDREX AW 100 HYDRAULIC OIL 20L PAIL
MOSNC53C12	HYDREX AW 100 HYDRAULIC OIL 205L DRUM
MOSNC53C20	HYDREX AW 100 HYDRAULIC OIL 1040L IBC
MOSNC53DRM	HYDREX AW 100 HYDRAULIC OIL BULK
MOSNC53BOX	<b>TRAXON SYNTHETIC 75W-90</b>
MOSNC53BLK	TRAXON SYNTHETIC 75W-90 20L PAIL
MOSNX53	TRAXON SYNTHETIC 75W-90 205L DRUM
MOSNX53B6U	TRAXON SYNTHETIC 75W-90 1040L IBC
MOSNX53C12	TRAXON SYNTHETIC 75W-90 BULK
MOSNX53C20	<b>TRAXON XL SYNTHETIC BLEND 75W-90</b>
MOSNX53K60	TRAXON XL SYNTHETIC BLEND 75W-90 12X1L CASE
MOSNX53DRM	TRAXON XL SYNTHETIC BLEND 75W-90 4X5L CASE
MOSNX53IIBC	TRAXON XL SYNTHETIC BLEND 75W-90 30L KEG
MOSNX53BLK	TRAXON XL SYNTHETIC BLEND 75W-90 205L DRUM
PCESY54	TRAXON XL SYNTHETIC BLEND 75W-90 1040L IBC
PCESY54C12	TRAXON XL SYNTHETIC BLEND 75W-90 BULK
PCESY54C20	<b>TRAXON XL SYNTHETIC BLEND 80W-140</b>
PCESY54P20	TRAXON XL SYNTHETIC BLEND 80W-140 DRUM
PCESY54IBC	TRAXON XL SYNTHETIC BLEND 80W-140 1040L IBC

#### AUTOMOTIVE GEAR OILS PAGE 12

Name	Part Numbers
<b>DEXRON LS GEAR OIL 75W-90</b>	<b>DEXLS75</b>
DEXRON LS GEAR OIL 75W-90 12X1L CASE	DEXLS75C12
DEXRON LS GEAR OIL 75W-90 205L DRUM	DEXLS75DRM
DEXRON LS GEAR OIL 75W-90 1040L IBC	DEXLS75IBC
DEXRON LS GEAR OIL 75W-90 BULK	DEXLS75BLK
<b>DEX75</b>	
DEX75DRM	
DEX75IBC	
<b>TR8514</b>	
TR8514P20	
TR8514K60	
TR8514DRM	
TR8514IBC	
TR8514BLK	
<b>TR89</b>	
TR89C12	
TR89C16	
TR89P20	
TR89K60	
TR89DRM	
TR89IBC	
TR89BLK	
<b>TREMFT</b>	
TREMFTP20	
TREMFTK60	
TREMFTDRM	
<b>TRE759</b>	
TRE759C16	
TRE759P20	
TRE759K60	
TRE759DRM	
<b>TRE814</b>	
TRE814P20	
TRE814K60	
TRE814DRM	
TRE814IBC	
TRE814BLK	

#### PAGE 12

##### Name

##### Part Numbers

##### DEXLS75

##### DEXLS75C12

##### DEXLS75DRM

##### DEXLS75IBC

##### DEXLS75BLK

##### DEX75

##### DEX75DRM

##### DEX75IBC

##### TR8514

##### TR8514P20

##### TR8514K60

##### TR8514DRM

##### TR8514IBC

##### TR8514BLK

##### TR89

##### TR89C12

##### TR89C16

##### TR89P20

##### TR89K60

##### TR89DRM

##### TR89IBC

##### TR89BLK

##### TREMFT

##### TREMFTP20

##### TREMFTK60

##### TREMFTDRM

##### TRE759

##### TRE759C16

##### TRE759P20

##### TRE759K60

##### TRE759DRM

##### TRE814

##### TRE814P20

##### TRE814K60

##### TRE814DRM

##### TRE814IBC

##### TRE814BLK

##### COMMERCIAL TRANSPORTATION

##### PAGE 16

##### Name

##### Part Numbers

##### HYDREX AW 22

##### HDXAW22

##### HDXAW22P20

##### HDXAW22DRM

##### HDXAW22BLK

##### HYDREX AW 32

##### HDXAW32

##### HDXAW32P20

##### HDXAW32DRM

##### HDXAW32IBC

##### HDXAW32BLK

##### HYDREX AW 46

##### HDXAW46

##### HDXAW46P20

##### HDXAW46DRM

##### HDXAW46IBC

##### HDXAW46BLK

##### HYDREX AW 68

##### HDXAW68

##### HDXAW68P20

##### HDXAW68DRM

##### HDXAW68IBC

##### HDXAW68BLK

##### HYDREX AW 80

##### HDXAW80

##### HDXAW80BLK

##### ENVIRON AW 32

##### ENVAW32

##### ENVAW32P20

##### ENVAW32DRM

##### ENVAW32BLK

##### ENVIRON AW 46

##### ENVMV46

##### ENVMV46P20

##### ENVMV46DRM

##### ENVMV46IBC

##### ENVMV46BLK

##### ENVIRON MV 32

##### ENVMVR32

##### ENVMVR32P20

##### ENVMVR32DRM

##### ENVMVR32IBC

##### ENVMVR32BLK

##### ENVIRON MV 46

##### ENVMVR46

##### ENVMVR46P20

##### ENVMVR46DRM

##### ENVMVR46IBC

##### ENVMVR46BLK

##### PRODUTO TO-4\* 10W TRANSMISSION OIL

##### PD410W

##### PD410WP20

##### PD410WDRM

##### PD410WIBC

##### PD410WBLK

##### PRODUTO TO-4\* 30 TRANSMISSION OIL

##### PD430

##### PD430P20

##### PD430DRM

##### PD430IBC

##### PD430BLK

##### PRODUTO TO-4\* 50 TRANSMISSION OIL

##### PD450

##### PD450P20

##### PD450DRM

##### PD450IBC

##### PD450BLK

##### PRODUTO TO-4\* 60 TRANSMISSION OIL

##### PD460

##### PD460P20

##### PD460DRM

##### PD460IBC

##### PRODUTO TO-4\* 10W TRANSMISSION OIL

##### PD410

##### PD410P20

##### PD410DRM

<b>PRECISION XL EP2</b>	
PXLC200	PXL2
PXLC201	PRECISION GENERAL PURPOSE EP2 30X400G TUBES
PXLC202	PRECISION XL EP2 10 X 115G AUTO LUBERS*
PXLC203	PRECISION XL EP2 10 X 230G AUTO LUBERS*
PXLC204	PRECISION XL EP2 17KG PAIL
PXLC205	PRECISION XL EP2 54KG LINED KEG
PXLC206	PRECISION XL EP2 175KG LINED DRUM
PXLC207	PRECISION XL EP2 GREASE BIN
<b>PRECISION XL EP1</b>	
PXL1C30	PXL1
PXL1P17	PRECISION XL EP1 30X400G TUBES
PXL1KGL	PRECISION XL EP1 17KG PAIL
PXL1DRL	PRECISION XL EP1 54KG LINED KEG
PXL1DR1	PRECISION XL EP1 175KG LINED DRUM
<b>PRECISION XL 3 MOLY EP1</b>	
PXL3M1C30	PXL3M1
PXL3M1P17	PRECISION XL 3 MOLY EP1 30X400G TUBES
PXL3M1KGL	PRECISION XL 3 MOLY EP1 17KG PAIL
PXL3M1DRL	PRECISION XL 3 MOLY EP1 54KG LINED KEG
PXL3M1DR1	PRECISION XL 3 MOLY EP1 175KG LINED DRUM
PXL3M1CBG	PRECISION XL 3 MOLY EP1 GREASE BIN
<b>PRECISION XL 3 MOLY EP2</b>	
PXL3M2C30	PXL3M2
PXL3M2P17	PRECISION XL 3 MOLY EP2 30X400G TUBES
PXL3M2KGL	PRECISION XL 3 MOLY EP2 17KG PAIL
PXL3M2DRL	PRECISION XL 3 MOLY EP2 54KG LINED KEG
PXL3M2CBG	PRECISION XL 3 MOLY EP2 175KG LINED DRUM
<b>PRECISION XL 3 MOLY ARCTIC</b>	
PXL3AC30	PXL3A
PXL3AKGL	PRECISION XL 3 MOLY ARCTIC 30X400G TUBES
PXL3ADRL	PRECISION XL 3 MOLY ARCTIC 54KG KEG
PXL3ACBG	PRECISION XL 3 MOLY ARCTIC 175KG DRUM
<b>PRECISION XL 5 MOLY EP0</b>	
PXL5M0P17	PXL5M0
PXL5MDRL	PRECISION XL 5 MOLY EP0 30X400G TUBES
PXL5M0KGL	PRECISION XL 5 MOLY EP0 175KG LINED DRUM
PXL5M0CBG	PRECISION XL 5 MOLY EP0 54KG LINED KEG
PXL5M0BLK	PRECISION XL 5 MOLY EP0 GREASE BIN
<b>PRECISION XL 5 MOLY EP1</b>	
PXL5M1C30	PXL5M1
PXL5M1KGL	PRECISION XL 5 MOLY EP1 30X400G TUBES
PXL5M1DRL	PRECISION XL 5 MOLY EP1 54KG LINED KEG
PXL5M1CBG	PRECISION XL 5 MOLY EP1 175KG LINED DRUM
<b>PRECISION XL 5 MOLY EP2</b>	
PXL5M2C30	PXL5M2
PXL5M2P17	PRECISION XL 5 MOLY EP2 30X400G TUBES
PXL5M2KGL	PRECISION XL 5 MOLY EP2 17KG PAIL
PXL5M2DRL	PRECISION XL 5 MOLY EP2 54KG LINED KEG
PXL5M2CBG	PRECISION XL 5 MOLY EP2 175KG LINED DRUM
<b>PRECISION GENERAL PURPOSE EP1</b>	
PGP1C30	PGP1
PGP1P17	PRECISION GENERAL PURPOSE EP1 30X400G TUBES
PGP1KGL	PRECISION GENERAL PURPOSE EP1 17KG PAIL
PGP1DRL	PRECISION GENERAL PURPOSE EP1 54KG KEG
PGP1DR1	PRECISION GENERAL PURPOSE EP1 175KG DRUM

<b>PRECISION GENERAL PURPOSE EP2</b>	
PGP2C30	PGP2
PGP2P17	PRECISION GENERAL PURPOSE EP2 30X400G TUBES
PGP2KGL	PRECISION GENERAL PURPOSE EP2 17KG PAIL
PGP2DRL	PRECISION GENERAL PURPOSE EP2 54KG DRUM
PGP2CBG	PRECISION GENERAL PURPOSE EP2 GREASE BIN
<b>PEERLESS LLG</b>	
PLLGC30	PLLIG
PLLGP17	PEERLESS LLG 30X400G TUBES
PLLIGKGL	PEERLESS LLG 17KG PAIL
PLLGDRL	PEERLESS LLG 54KG LINED KEG
PLLIGDRL	PEERLESS LLG 175KG LINED DRUM
<b>PEERLESS OGO</b>	
PLOG0C30	PLOGO
PLOG1P17	PEERLESS OGO 30X400G TUBES
PLOG0KGL	PEERLESS OGO 17KG PAIL
PLOG1KGL	PEERLESS OGO 54KG LINED KEG
PLOG1DRL	PEERLESS OGO 175KG LINED DRUM
<b>PEERLESS OG1</b>	
PLOG1C30	PLOG1
PLOG1P17	PEERLESS OG1 30X400G TUBES
PLOG1KGL	PEERLESS OG1 17KG PAIL
PLOG1DRL	PEERLESS OG1 54KG LINED KEG
PLOG1CBG	PEERLESS OG1 175KG LINED DRUM
<b>PEERLESS OG2</b>	
PLOG2C30	PLOG2
PLOG2P17	PEERLESS OG2 30X400G TUBES
PLOG2KGL	PEERLESS OG2 17KG PAIL
PLOG2DRL	PEERLESS OG2 54KG LINED KEG
PLOG2CBG	PEERLESS OG2 175KG LINED DRUM
<b>PEERLESS OG2 RED</b>	
PLOG2RC30	PLOG2R
PLOG2RFBG	PEERLESS OG2 RED 30X400G TUBES
PLOG2RP17	PEERLESS OG2 RED 17KG PAIL
PLOG2RKGL	PEERLESS OG2 RED 54KG LINED KEG
PLOG2RDRL	PEERLESS OG2 RED 175KG LINED DRUM
<b>PEERLESS OG PLUS</b>	
PLOGPC30	PLOGP
PLOGPKGL	PEERLESS OG PLUS 30X400G TUBES
PLOGPDRL	PEERLESS OG PLUS 54KG LINED KEG
PLOGPDR1	PEERLESS OG PLUS 175KG LINED DRUM
<b>PEERLESS 3 MOLY 322</b>	
PL3M322C30	PL3M322
PL3M322P17	PEERLESS 3 MOLY 322 30X400G TUBES
PL3M322KGL	PEERLESS 3 MOLY 322 17KG PAIL
PL3M322DRL	PEERLESS 3 MOLY 322 54KG LINED KEG
PL3M322CBG	PEERLESS 3 MOLY 322 175KG LINED DRUM
<b>MINING GREASES</b>	
<b>PAGE 28</b>	
<b>Name</b>	
<b>Part Numbers</b>	
<b>VULTREX MPG SYNTHETIC ARCTIC</b>	
VULMPGAC30	VULMPGA
VULMPGAKGL	VULTREX MPG SYNTHETIC ARCTIC 30X400G TUBES CASE
VULMPGADRL	VULTREX MPG SYNTHETIC ARCTIC 54KG KEG
VULMPGACBG	VULTREX MPG SYNTHETIC ARCTIC 175KG DRUM
VULMPGABLK	VULTREX MPG SYNTHETIC ARCTIC GREASE BIN
<b>VULTREX MPG EP1</b>	
VULMPG1C30	VULMPG1
VULMPG1KGL	VULTREX MPG EP1 30X400G TUBES CASE
VULMPG1DRL	VULTREX MPG EP1 54KG LINED KEG
VULMPG1CBG	VULTREX MPG EP1 175KG LINED DRUM
VULMPG1BLK	VULTREX MPG EP1 GREASE BIN
VULMPG1ULK	VULTREX MPG EP1 BULK
<b>VULTREX MPG EP00</b>	
VULMPG0C30	VULMPG0
VULMPG0KGL	VULTREX MPG EP00 30X400G TUBES CASE
VULMPG0DRL	VULTREX MPG EP00 54KG LINED KEG
VULMPG0CBG	VULTREX MPG EP00 175KG LINED DRUM
<b>VULTREX MPG EP0</b>	
VULMPG0P17	VULMPG0
VULMPG0KGL	VULTREX MPG EP0 30X400G TUBES CASE
VULMPG0DRL	VULTREX MPG EP0 54KG LINED KEG
VULMPG0CBG	VULTREX MPG EP0 175KG LINED DRUM

<b>VULTREX OGL SYNTHETIC ALL SEASON 680</b>	
VULOGLSP17	VULOGLS
VULOGLSKGL	VULTREX OGL SYNTHETIC ALL SEASON 680 54KG
VULOGLSDRL	VULTREX OGL SYNTHETIC ALL SEASON 680 175KG
VULOGLSCBG	VULTREX OGL SYNTHETIC ALL SEASON 680 BIN
<b>VULTREX OGL HEAVY 6200</b>	
VUL6200K54	VUL6200
<b>VULTREX OGL SYNTHETIC 2200</b>	
VUL2200DRL	VUL2200
VUL2200CBG	VULTREX OGL SYNTHETIC 2200 54KG KEG
VUL2200BLK	VULTREX OGL SYNTHETIC 2200 175KG DRUM
<b>VULTREX GEAR SHIELD NC</b>	
VULGSNCGL	VULGSNC
VULGSNCDR1	VULTREX GEAR SHIELD NC 54KG LINED KEG
VULGSNCBG	VULTREX GEAR SHIELD NC 175KG LINED DRUM
<b>SPECIALTY GREASES</b>	
<b>PAGE 32</b>	
<b>Name</b>	
<b>Part Numbers</b>	
<b>PEERLESS SVG 102</b>	
PLSVGDR1	PLSVG
<b>PEERLESS XCG-FLEX</b>	
PLXCGC30	PLXCG
PLXCGP17	PEERLESS XCG-FLEX 30X400G TUBES CASE
PLXCGKGL	PEERLESS XCG-FLEX 17KG PAIL
PLXCGDRL	PEERLESS XCG-FLEX 54KG LINED KEG
PLXCGCBG	PEERLESS XCG-FLEX 175KG LINED DRUM
<b>PRECISION SYNTHETIC EP00</b>	
PS00P17	PS00
PS00KGL	PRECISION SYNTHETIC EP00 30X400G TUBES
PS00DRL	PRECISION SYNTHETIC EP00 54KG LINED KEG
PS00BLK	PRECISION SYNTHETIC EP00 175KG LINED DRUM
<b>PRECISION SYNTHETIC EMB</b>	
PSEMBC30	PSEMB
<b>PEERLESS POLY EMB</b>	
PLEMBC30	PLEMB
<b>PXLOO</b>	
PXL00P17	PXLOO
PXL00KGL	PRECISION XL EP00 30X400G TUBES
PXL00DRL	PRECISION XL EP00 54KG LINED KEG
PXL00BLK	PRECISION XL EP00 175KG LINED DRUM
<b>PRECISION XL EP00</b>	
PXL00P17	PXL00
PXL00KGL	PRECISION XL EP00 30X400G TUBES CASE
PXL00DRL	PRECISION XL EP00 54KG LINED KEG
PXL00BLK	PRECISION XL EP00 175KG LINED DRUM
<b>PRECISION XL RAIL CURVE GREASE</b>	
PXRCPG17	PXRRCG
PXRCPGDR1	PRECISION XL RAIL CURVE GREASE 17KG PAIL
PXRCPGCBG	PRECISION XL RAIL CURVE GREASE 175KG DRUM
PXRCPGABLK	PRECISION XL RAIL CURVE GREASE BIN 1700KG
<b>VULTREX DRILL ROD HEAVY</b>	
VULDRODP17	VULDROD
VULDROD17K	VULTREX DRILL ROD HEAVY 17KG PAIL
VULDROD175	VULTREX DRILL ROD HEAVY 54KG LINED KEG
VULDROD1750	VULTREX DRILL ROD HEAVY 175KG LINED DRUM
<b>VULTREX G-124</b>	
VULG124C30	VULG124
VULG124KGL	VULTREX G-124 30X400G TUBES CASE
VULG124DRL	VULTREX G-124 54KG LINED KEG
VULG124BLK	VULTREX G-124 175KG LINED DRUM
<b>VULTREX ROCK DRILL EP000</b>	
VULRD17K	VULRD
VULRD17K	VULTREX ROCK DRILL EP000 30X400G TUBES
VULRD175	VULTREX ROCK DRILL EP000 54KG LINED KEG
VULRD1750	VULTREX ROCK DRILL EP000 175KG LINED DRUM

<b>INDUSTRIAL GEAR OILS</b>	
<b>PAGE 36</b>	
<b>Name</b>	
<b>Part Numbers</b>	

<b>ENVIRON MV 46</b>	<b>ENVMV46</b>
ENVIRON MV 46 20L PAIL	ENVMV46P20
ENVIRON MV 46 205L DRUM	ENVMV46DRM
ENVIRON MV 46 1040L IBC	ENVMV46IBC
ENVIRON MV 46 BULK	ENVMV46BLK
<b>ENVIRON MV R 32</b>	<b>ENMVR32</b>
ENVIRON MV R 32 20L PAIL	ENMVR32P20
ENVIRON MV R 32 205L DRUM	ENMVR32DRM
ENVIRON MV R 32 1040L IBC	ENMVR32IBC
ENVIRON MV R 32 BULK	ENMVR32BLK
<b>ENVIRON MV R 46</b>	<b>ENMVR46</b>
ENVIRON MV R 46 20L PAIL	ENMVR46P20
ENVIRON MV R 46 205L DRUM	ENMVR46DRM
ENVIRON MV R 46 1040L IBC	ENMVR46IBC
ENVIRON MV R 46 BULK	ENMVR46BLK

<b>TURBINE FLUIDS &amp; WIND TURBINE GEAR OILS</b>	<b>PAGE 40</b>
<b>Name</b>	<b>Part Numbers</b>

<b>TURBOFLO HTS 46</b>	<b>TFHTS46</b>
TURBOFLO HTS 46 205 L DRUM	TFHTS46DRM
TURBOFLO HTS 46 1040 L IBC	TFHTS46IBC
TURBOFLO HTS 46 BULK	TFHTS46BLK
<b>TURBOFLO R&amp;O 10</b>	<b>TFRO10</b>
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
<b>TURBOFLO R&amp;O 22</b>	<b>TFRO22</b>
TURBOFLO R&O 22 20L PAIL	TFRO22P20
TURBOFLO R&O 22 205L DRUM	TFRO22DRM
TURBOFLO R&O 22 BULK	TFRO22BLK
<b>TURBOFLO R&amp;O 32</b>	<b>TFRO32</b>
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
<b>TURBOFLO R&amp;O 46</b>	<b>TFRO46</b>
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
<b>TURBOFLO XL 32</b>	<b>TFXL32</b>
TURBOFLO XL 32 20L PAIL	TFXL32P20
TURBOFLO XL 32 205L DRUM	TFXL32DRM
TURBOFLO XL 32 1040L IBC	TFXL32IBC
TURBOFLO XL 32 BULK	TFXL32BLK
<b>TURBOFLO XL 46</b>	<b>TFXL46</b>
TURBOFLO XL 46 20L PAIL	TFXL46P20
TURBOFLO XL 46 205L DRUM	TFXL46DRM
TURBOFLO XL 46 1040L IBC	TFXL46IBC
TURBOFLO XL 46 BULK	TFXL46BLK
<b>TURBOFLO XL 68</b>	<b>TFXL68</b>
TURBOFLO XL 68 20L PAIL	TFXL68P20
TURBOFLO XL 68 205L DRUM	TFXL68DRM
<b>PREMIUM R&amp;O 77</b>	<b>HAR77</b>
PREMIUM R&O 77 20L PAIL	HAR77P20
<b>HARNEX 320 WIND TURBINE GEAR OIL</b>	<b>HNX320</b>
HARNEX 320 205L DRUM	HNX320DRX

<b>TURBOFLO R&amp;O 320</b>	<b>TFRO320</b>
TURBOFLO R&O 320 205L DRUM	TFRO320DRM
TURBOFLO R&O 320 BULK	TFRO320BLK
<b>TURBOFLO R&amp;O 460</b>	<b>TFRO460</b>
TURBOFLO R&O 460 20L PAIL	TFRO460P20
TURBOFLO R&O 460 205L DRUM	TFRO460DRM
TURBOFLO R&O 460 1040L IBC	TFRO460IBC
TURBOFLO R&O 460 BULK	TFRO460BLK
<b>TURBOFLO LV 32</b>	<b>TFLV32</b>
TURBOFLO LV 32 205L DRUM	TFLV32DRM
TURBOFLO LV 32 1040L IBC	TFLV32IBC
TURBOFLO LV 32 BULK	TFLV32BLK
<b>TURBOFLO LV 46</b>	<b>TFLV46</b>
TURBOFLO LV 46 205L DRUM	TFLV46DRM
TURBOFLO LV 46 1040L IBC	TFLV46IBC
TURBOFLO LV 46 BULK	TFLV46BLK
<b>TURBOFLO EP 32</b>	<b>TFEP32</b>
TURBOFLO EP 32 205L DRUM	TFEP32DRM
TURBOFLO EP 32 BULK	TFEP32BLK
<b>TURBOFLO EP 46</b>	<b>TFEP46</b>
TURBOFLO EP 46 205L DRUM	TFEP46DRM
TURBOFLO EP 46 1040L IBC	TFEP46IBC
TURBOFLO EP 46 BULK	TFEP46BLK
<b>TURBOFLO SP 40</b>	<b>SENTRON CG 40</b>
TURBOFLO SP 40 205L DRUM	SENTRON CG 40 P20
TURBOFLO SP 40 1040L IBC	SENTRON CG 40 IBC
TURBOFLO SP 40 BULK	SENTRON CG 40 BULK
<b>TURBOFLO XL 40</b>	<b>SENTRON SP 40</b>
TURBOFLO XL 40 205L DRUM	SENTRON SP 40 P20
TURBOFLO XL 40 1040L IBC	SENTRON SP 40 IBC
TURBOFLO XL 40 BULK	SENTRON SP 40 BULK
<b>TURBOFLO VLP 40</b>	<b>SENTRON VLP 40</b>
TURBOFLO VLP 40 205L PLASTIC DRUM	SENTRON VLP 40 PLASTIC DRUM
TURBOFLO VLP 40 BULK	SENTRON VLP 40 BULK
<b>TURBOFLO VTP 10W-40</b>	<b>SENTRON VTP 10W-40</b>
TURBOFLO VTP 10W-40 4X4L CASE	SENTRON VTP 10W-40 4X4L CASE
TURBOFLO VTP 10W-40 20L PAIL	SENTRON VTP 10W-40 20L PAIL
TURBOFLO VTP 10W-40 205L DRUM	SENTRON VTP 10W-40 205L DRUM
TURBOFLO VTP 10W-40 1040L IBC	SENTRON VTP 10W-40 1040L IBC
TURBOFLO VTP 10W-40 BULK	SENTRON VTP 10W-40 BULK
<b>TURBOFLO XL 68</b>	<b>SENTRON VTP 10W-40 PLUS</b>
TURBOFLO XL 68 20L PAIL	SENTRON VTP 10W-40 PLUS 4X4L CASE
TURBOFLO XL 68 205L DRUM	SENTRON VTP 10W-40 PLUS 20L PAIL
<b>PREMIUM R&amp;O 77</b>	<b>HAR77</b>
PREMIUM R&O 77 20L PAIL	HAR77P20
<b>HARNEX 320 WIND TURBINE GEAR OIL</b>	<b>HNX320</b>
HARNEX 320 205L DRUM	HNX320DRX

<b>STATIONARY GAS ENGINE OILS</b>	<b>PAGE 42</b>
<b>Name</b>	<b>Part Numbers</b>

<b>SENTRON ASHLESS 40</b>	<b>STL541</b>
SENTRON ASHLESS 40 205L DRUM	STL541DRM
SENTRON ASHLESS 40 BULK	STL541BLK
<b>TURBOFLO R&amp;O 100</b>	<b>TFRO100</b>
TURBOFLO R&O 100 20L PAIL	TFRO100P20
TURBOFLO R&O 100 205L DRUM	TFRO100DRM
TURBOFLO R&O 100 BULK	TFRO100BLK
<b>TURBOFLO R&amp;O 150</b>	<b>TFRO150</b>
TURBOFLO R&O 150 20L PAIL	TFRO150P20
TURBOFLO R&O 150 205L DRUM	TFRO150DRM
TURBOFLO R&O 150 BULK	TFRO150BLK
<b>TURBOFLO R&amp;O 220</b>	<b>TFRO220</b>
TURBOFLO R&O 220 20L PAIL	TFRO220P20
TURBOFLO R&O 220 205L DRUM	TFRO220DRM
TURBOFLO R&O 220 1040L IBC	TFRO220IBC
TURBOFLO R&O 220 BULK	TFRO220BLK
<b>SENTRON LD SYNTHETIC BLEND</b>	<b>SENTRON LD SYNTHETIC BLEND</b>
SENTRON LD SYNTHETIC BLEND 20L PAIL	SENTRON LD SYNTHETIC BLEND 20L PAIL
SENTRON LD SYNTHETIC BLEND 205L DRUM	SENTRON LD SYNTHETIC BLEND 205L DRUM
SENTRON LD SYNTHETIC BLEND 1040L IBC	SENTRON LD SYNTHETIC BLEND 1040L IBC

<b>SENTRON CG 40 PLUS</b>	<b>SENTRON CG 40 PLUS</b>
SENTRON CG 40 PLUS 205L DRUM	SENTRON CG 40 PLUS 205L DRUM
SENTRON CG 40 PLUS 1040L IBC	SENTRON CG 40 PLUS 1040L IBC
SENTRON CG 40 PLUS BULK	SENTRON CG 40 PLUS BULK
<b>SENTRON LD 3000</b>	<b>SENTRON LD 3000</b>
SENTRON LD 3000 20L PAIL	SENTRON LD 3000 20L PAIL
SENTRON LD 3000 205L DRUM	SENTRON LD 3000 205L DRUM
SENTRON LD 3000 1040L IBC	SENTRON LD 3000 1040L IBC
SENTRON LD 3000 BULK	SENTRON LD 3000 BULK
<b>SENTRON LD 8000</b>	<b>SENTRON LD 8000</b>
SENTRON LD 8000 20L PAIL	SENTRON LD 8000 20L PAIL
SENTRON LD 8000 205L DRUM	SENTRON LD 8000 205L DRUM
SENTRON LD 8000 1040L IBC	SENTRON LD 8000 1040L IBC
SENTRON LD 8000 BULK	SENTRON LD 8000 BULK
<b>SENTRON LD 4000</b>	<b>SENTRON LD 4000</b>
SENTRON LD 4000 20L PAIL	SENTRON LD 4000 20L PAIL
SENTRON LD 4000 205L DRUM	SENTRON LD 4000 205L DRUM
SENTRON LD 4000 1040L IBC	SENTRON LD 4000 1040L IBC
SENTRON LD 4000 BULK	SENTRON LD 4000 BULK
<b>SENTRON LD 30000</b>	<b>SENTRON LD 30000</b>
SENTRON LD 30000 20L PAIL	SENTRON LD 30000 20L PAIL
SENTRON LD 30000 205L DRUM	SENTRON LD 30000 205L DRUM
SENTRON LD 30000 1040L IBC	SENTRON LD 30000 1040L IBC
SENTRON LD 30000 BULK	SENTRON LD 30000 BULK

<b>SENTRON CG 40</b>	<b>STNCGP</b>
SENTRON CG 40 205L DRUM	STNCGPDRM
SENTRON CG 40 1040L IBC	STNCGPIBC
SENTRON CG 40 BULK	STNCGPBLK
<b>SENTRON LD 3000</b>	<b>STN3LD</b>
SENTRON LD 3000 20L PAIL	STN3LDP20
SENTRON LD 3000 205L DRUM	STN3LDD

# NOTES

**PURITY FG SYNTHETIC EP GEAR FLUID 220**

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

**PURITY FG EP GEAR FLUID 320**

PURITY FG EP GEAR FLUID 320 20L PAIL  
PURITY FG EP GEAR FLUID 320 205L DRUM

**PURITY FG EP GEAR FLUID 460**

PURITY FG EP GEAR FLUID 460 20L PAIL  
PURITY FG EP GEAR FLUID 460 205L DRUM  
PURITY FG EP GEAR FLUID 460 1040L IBC

**PURITY FG SYNTHETIC EP GEAR FLUID 460**

PURITY FG SYNTHETIC GEAR FLUID 460  
20L PAIL  
PURITY FG SYNTHETIC GEAR FLUID 460  
55USG DRUM

**PURITY FG PAG GEAR OIL 150**

PURITY FG PAG GEAR OIL 150 20L PAIL  
PURITY FG PAG GEAR OIL 150 205L DRUM

**PURITY FG PAG GEAR OIL 220**

PURITY FG PAG GEAR OIL 220 20L PAIL  
PURITY FG PAG GEAR OIL 220 205L DRUM

**PURITY FG PAG GEAR OIL 460**

PURITY FG PAG GEAR OIL 460 20L PAIL  
PURITY FG PAG GEAR OIL 460 205L DRUM

**PURITY FG CHAIN FLUID HEAVY**

PURITY FG CHAIN FLUID HEAVY 20L PAIL  
PURITY FG CHAIN FLUID HEAVY 205L DRUM

**PURITY FG CHAIN FLUID LIGHT**

PURITY FG CHAIN FLUID LIGHT 20L PAIL  
PURITY FG CHAIN FLUID LIGHT 205L DRUM

**PURITY FG COMPRESSOR FLUID 46**

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

**PURITY FG SYNTHETIC FLUID 46**

PURITY FG SYNTHETIC FLUID 46 20L PAIL  
PURITY FG SYNTHETIC FLUID 46 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 55USG PAIL  
PURITY FG SYNTHETIC FLUID 100 55USG 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

**PFSN220**

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

**PFEPE320**

PURITY FG EP GEAR FLUID 320 20L PAIL  
PURITY FG EP GEAR FLUID 320 205L DRUM

**PFEPE460**

PURITY FG EP GEAR FLUID 460 20L PAIL  
PURITY FG EP GEAR FLUID 460 205L DRUM  
PURITY FG EP GEAR FLUID 460 1040L IBC

**PFSN460**

PURITY FG SYNTHETIC GEAR FLUID 460  
20L PAIL  
PURITY FG SYNTHETIC GEAR FLUID 460  
55USG DRUM

**PFPG150**

PURITY FG PAG GEAR OIL 150 20L PAIL  
PURITY FG PAG GEAR OIL 150 205L DRUM

**PFPG220**

PURITY FG PAG GEAR OIL 220 20L PAIL  
PURITY FG PAG GEAR OIL 220 205L DRUM

**PFPG460**

PURITY FG PAG GEAR OIL 460 20L PAIL  
PURITY FG PAG GEAR OIL 460 205L DRUM

**PFCHAH**

PURITY FG CHAIN FLUID HEAVY 20L PAIL

**PFCHAL**

PURITY FG CHAIN FLUID LIGHT 20L PAIL  
PURITY FG CHAIN FLUID LIGHT 205L DRUM

**PFCO46**

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

**PFSN46**

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

**PFCO100**

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

**PFSN100**

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

**PFSE**

PURITY FG SEAMER-E FLUID 205L DRUM

**PFTR46**

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

**PFWO10**

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

**PFWO12**

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

**PFWO15**

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

**PC WAYLUBE 68**

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

**ROCK DRILL LUBRICANTS**

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

**ARDEE 32**

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

**PFWO22**

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

**PFWO35**

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

**ARDEE 46**

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

**ARDEE 68**

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

**PFWO40**

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

**PFWO68**

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

**ARDEE 100**

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

**PFWO46**

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

**ARDEE 150**

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

**ARDEE 220**

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

**SYSTEM AND EQUIPMENT CLEANING**

**CALFLO FLUSHING FLUID**

CALFLO FLUSHING FLUID 205L DRUM  
CALFLO FLUSHING FLUID 1040L IBC

**CALFLO CLEANING FLUID**

CALFLO CLEANING FLUID 205L DRUM  
CALFLO CLEANING FLUID 1040L IBC

**VACUUM PUMP FLUIDS**

SUPER VAC FLUID 15 20L PAIL  
SUPER VAC FLUID 15 205L DRUM

SUPER VAC FLUID 19 20L PAIL

SUPER VAC FLUID 19 205L DRUM

SUPER VAC FLUID 19 BULK

SUPER VAC FLUID 20 20L PAIL

SUPER VAC FLUID 20 205L DRUM

SUPER VAC FLUID 20 BULK

SUPER VAC FLUID 70 20L PAIL

SUPER VAC FLUID 70 205L DRUM

SUPER VAC FLUID 70 BULK

**PFSBF5**

PURITY FG SYN BARRIER FLUID 5 205L DRUM

**PFSBF32**

PURITY FG SYN BARRIER FLUID 32 205L DRUM

**PFHTF**

PURITY FG HEAT TRANSFER FLUID 20L PAIL

PURITY FG HEAT TRANSFER FLUID 205L DRUM

PURITY FG HEAT TRANSFER FLUID 1040L IBC

**PFCCE15**

PURITY FG CORRCUT-E FLUID 15 205L DRUM

**PICKUP CANS**

12X355ML CANS

**PFSIB1**

# NOTES

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# OUR NO-NONSENSE LUBRICANTS WARRANTY

"We will repair equipment or replace equipment parts that are damaged due to defects of a Petro-Canada Lubricants product, as long as the lubricant is used in accordance with your equipment manufacturers and our recommendations."

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

To learn more about how Petro-Canada Lubricants can help your business, visit: **lubricants.petro-canada.com** or contact us at **lubecsr@hfsinclair.com**

Committed to the disciplined operation of our business.

