

Product Guide

Mobil South Pacific





The Mobil South Pacific Product Guide is designed to give a brief description on each of the products we sell and to help make your buying decisions easier.

Mobil offers the highest quality lubricants with superior performance for a wide range of automotive and industrial applications. These premium lubricants are supported by Mobil programs and technical expertise.

Mobil combines the technology behind the world's most advanced engine oil with a full understanding of local conditions to provide you with products you can rely on.

The Mobil Lube Line can help you decide which Mobil product to use. Our lubricant experts can check specifications and product names, identify competitor products, solve lubrication problems and make recommendations. We can talk about lubricants for automotive, marine and all types of industrial equipment.

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In New Zealand

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Mobil pursues a policy of constant research and development to improve its products. This Product Guide, published in July 2008 and revised in May 2009, supersedes all previous issues, earlier editions should be destroyed to avoid confusion and the possibility of product misapplication. This Product Guide is based on the latest information available. Mobil reserves the right to change product formulations and specifications without notice. It is, therefore, important to verify intended applications with Mobil and relevant engine and equipment manufacturers before use.

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Industrial Products Typical Properties **See Reverse**



OLD PRODUCT

NEW PRODUCT

Automotive Engine Oils

Mobil 1 10W-30	Mobil 1 5W-30
Mobil Super 4x4 10W-40	Mobil Super 2000 X2 10W-40
Mobil Synth S 10W-40	Mobil Super 2000 X2 10W-40
Mobil Super XHP 15W-40	Mobil Super 1000 X2 15W-40
Mobil Super LPG 15W-40	Mobil Super 1000 X2 15W-40
Mobil Super HP 20W-50	Mobil Super 1000 20W-50
Mobil Special 20W-50	Mobil Super 1000 20W-50
Mobil Super Diesel 15W-40	Mobil Super 1000 Diesel 15W-40
Mobil Super Early Model 25W-60	Mobil Special Early Model 25W-60
Mobil Super S Plus 10W-40	Mobil Formula S2 10W-40
Mobil Super S SL 10W-30	Mobil Formula S 5W-30
Mobil Delvac 1 5W-40	Mobil Delvac 1 ESP 5W-40
Mobil Delvac XHP Extra 10W-40	Mobil Delvac XHP LE 10W-40
Mobil Delvac MX Extra 15W-40	Mobil Delvac MX ESP 15W-40
Mobil Delvac Super 1400 15W-40	Mobil Delvac Super 1400A 15W-40
Mobil Delvac HP 30	Mobil Delvac 1630
Mobil Delvac HP 40	Mobil Delvac 1640
Mobil Delvac 1240 D	Mobil Delvac 1240
Mobil Delvac 1250 D	Mobil Delvac 1250
Mobil Delvac Hydraulic 10W	Mobil Hydraulic 10W

Automotive Gear Oils

Mobilube SHC 75W-90	Mobil Delvac Synthetic Gear Oil 75W-90
Mobilube SHC 80W-140	Mobil Delvac Synthetic Gear Oil 80W-140
Mobiltrans SHC Arctic	Mobil Delvac Synthetic Transmission Fluid Arctic
Mobiltrans SHC 50	Mobil Delvac Synthetic Transmission Fluid 50

Automatic Transmission Fluids

Mobil ATF	Mobil Multipurpose ATF
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Coolants

Mobil Anti-Freeze	Mobil Antifreeze Extra
Mobil Coolant	Mobil Coolant Extra Readmix

Petrol Engine Oils

Mobil 1 with SuperSyn

The ultimate high performance synthetic engine oil used in passenger vehicles, light duty trucks, 4WDs and vans. Especially suitable for high performance engines fitted with turbochargers operating under the most severe conditions.

The engineering story behind Mobil 1 with SuperSyn is truly remarkable. The proprietary formula was developed to protect engines not just in day-to-day driving but even in extreme situations.

Mobil 1 with SuperSyn combines anti-wear additives and a combination of high-performance fluids that are engineered to provide outstanding engine protection. The SuperSyn anti-wear system is at the core of this formula. Instead of breaking down during extreme high-stress, high-temperature conditions, the SuperSyn anti-wear system actually excels under these conditions.

Benefits of using Mobil 1 fully synthetic engine oil:

- Keeps your engine virtually as good as new
- Unsurpassed protection against engine wear, especially at start up
- Exceptional cleanliness of engine parts and longer engine life

Mobil 1 0W-40

In addition to the benefits listed above, the ultimate high performance synthetic engine oil, Mobil 1 0W-40 with SuperSyn, provides significantly greater fuel savings. It is the only 40 weight oil made by Mobil that meets the stringent ILSAC GF-3 fuel economy specifications. Normally a lower viscosity oil is required in order to achieve this. Mobil 1 0W-40 also exceeds the engine oil requirements of BMW, Mercedes-Benz and is initial fill for all Mercedes-Benz AMG vehicles. Whilst Porsche may approve other oils for use in their vehicles, the oil they approve as the initial fill and recommend for service fill is Mobil 1 0W-40.

Meets API SM/SL/SJ/CF and ACEA A3/B3 & A3/B4. Approved against MB-Approval 229.5 & MB-Approval 229.3, VW 502.00/505.00, BMW Long Life -01, GM-LL-A-025 & GM-LL-B-025 and Porsche A40.

Mobil 1 ESP Formula 5W-30

Mobil 1 ESP Formula 5W-30 is an advanced performance engine oil designed to provide exceptional cleaning power, wear protection and overall performance. Mobil 1 ESP Formula 5W-30 has been expertly engineered to help prolong the life and maintain the efficiency of Car Emission Reduction Systems in both diesel and gasoline powered automobiles. Mobil 1 ESP Formula 5W-30 exceeds the requirements of many leading industry and car manufacturers' standards required for newer modern diesel and gasoline powered passenger engines.

Mobil 1 ESP Formula 5W-30 is made with a proprietary blend of leading edge components formulated to be fully compatible with the latest Diesel Particulate Filters (DPFs) and Gasoline Catalytic Converters (CATs). Mobil 1 ESP Formula 5W-30 has been designed to deliver outstanding performance and protection in conjunction with improved fuel economy.

- Helps to reduce particulate build up in Diesel Particulate Filters
- Helps to reduce poisoning of Gasoline Catalytic Converters
- Reduces deposits and sludge build-up to enable long and clean engine life
- Quick cold weather starting and ultra fast protection

Meets ACEA A3/B3, A3/B4, C2 & C3 and API CF. Meets API SM and ACEA A5/B5 Engine Test Requirements. Approved against BMW Longlife 04, DC MS-11106, MB-Approval 229.51 & MB-Approval 229.31, and PSA E-Level 3 & PSA D-Level 3. Approved against VW 507.00/504.00 which also cover most applications previously requiring VW 506.01/506.00/505.01/505.00/503.01/ 503.00/502.00/501.01 (consult dealer).

Mobil 1 5W-30

Mobil 1 5W-30 with SuperSyn has been improved to provide even more performance reserve, excellent for turbo-charged engines that require a SAE 30 or GF-4 engine oil. Mobil 1 5W-30 is specified for use in Holden Special Vehicles (HSV) V8 engines with the new General Motors all-alloy motors. Mobil 1 5W-30 is the only oil used in initial fill and recommended by HSV for the Gen III and IV engines. This specification is noted on the engine oil cap. It is also specifically recommended for use in, and is initial fill for Corvette and Cadillac.

Meets API SM/SL/SJ/CF, ILSAC GF-4, ACEA A1/B1 & A5/B5, DC MS-6395. Ford WSS-M2C929-A and GM 6094M. Approved against GM 4718M and Honda/Acura HTO-06.

Mobil 1 5W-50

Mobil 1 5W-50 with SuperSyn is a fully synthetic engine oil which provides excellent protection and performance benefits for a range of vehicles - including petrol, LPG and diesel powered passenger cars, light duty trucks, 4WDs and vans.

Meets API SM/SL/SJ/CF and ACEA A3/B3 & A3/B4. Approved against MB-Approval 229.3, VW 505.00, Porsche A40 and BMW High Power Diesel Oil.

Mobil 1 15W-50

Mobil 1 15W-50 with SuperSyn is a high performance synthetic oil that provides excellent protection for automotive engines in cars, light duty trucks, 4WDs and vans, especially those fitted with turbochargers.

Meets API SM/SL/SJ/CF and ACEA A3/B3 & A3/B4.



Mobil Super Family

Mobil Super 3000 X2 5W-40

Mobil Super 3000 X2 5W-40 uses high-performance synthetic base oils together with an advanced additive system to provide a product that meets the latest industry specifications and the majority of leading car makers' service fill requirements. Advanced wear protection, active cleaning power, low oil consumption and excellent low and high temperature properties allow Mobil Super 3000 X2 5W-40 to perform among the leading synthetic motor oils in the market today. Mobil Super 3000 X2 5W-40 offers: excellent thermal and oxidation stability, improved fuel economy and increased power. Mobil Super 3000 X2 5W-40 is specifically recommended for use in all vehicles including high-performance, turbo-charged gasoline, LPG and diesel passenger cars. It is an excellent choice for cars, light trucks and vans requiring a very high level of performance, specific builder approvals and very high performance and protection under extreme conditions.

Meets API SM/SL/SJ/CF, ACEA A3/B3 & A3/B4. Approved against BMW Longlife Oil 98, GM-LL-B025, Mercedes Benz MB-Approval 229.3, Porsche A40, and VW 502.00/505.00.

Mobil Super 2000 X2 10W-40

Mobil Super 2000 X2 10W-40 is an enhanced, premium semi-synthetic engine oil designed to provide a very high level of protection and performance. Mobil Super 2000 products are formulated to provide protection beyond that of conventional oils. Mobil Super 2000 X2 10W-40 provides: superior wear protection, engine cleanliness and high temperature protection and is suitable for use in gasoline, LPG and diesel powered vehicles. Mobil Super 2000 X2 10W-40 is ideally suited for normal to occasionally severe operating conditions, highway cruising and some high performance applications.

Meets API SM/SL/SJ/CF, ACEA A3/B3. Approved against MB-Approval 229.1 & VW 505.00. Suitable for use in applications requiring VW 500.00.

Mobil Super 2000 5W-30

Mobil Super 2000 5W-30 is an enhanced, premium semi-synthetic engine oil specifically designed to provide outstanding fuel economy. Mobil Super 2000 5W-30 provides: excellent fuel economy, very high wear protection, engine cleanliness and high temperature protection.

Mobil Super 2000 products are formulated to give you confidence of protection beyond that of conventional oils. Mobil Super 2000 5W-30 is suitable for use in gasoline and LPG powered vehicles. Mobil Super 2000 5W-30 is ideally suited for normal to occasionally severe operating conditions and highway cruising.

Meets API SM/SL, ILSAC GF-4/GF-3, GM 6094, GM 9986231, Ford WSS-M2C915-A.

Mobil Super 1000 X2 15W-40

Mobil Super 1000 X2 15W-40 is a quality, premium mineral motor oil designed to provide a high level of performance and protection under most operating conditions. Mobil Super 1000 X2 15W-40 is meticulously engineered for today's tougher engine specifications, provides very good engine protection and can help extend engine life. Offering excellent wear protection and engine cleanliness Mobil Super 1000 X2 15W-40 is suitable for use in gasoline and LPG powered vehicles. All Mobil Super 1000 products are ideally suited for less stressful driving conditions such as highway driving and lower constant speed conditions.

Meets API SM/SL/SJ/CF, ACEA A3/B3 Approved against MB-Approval 229.1 & VW 505.00.

Mobil Super 1000 20W-50

Mobil Super 1000 20W-50 is a quality, premium mineral motor oil designed to provide a high level of performance and protection under most operating conditions. Mobil Super 1000 20W-50 is meticulously engineered for today's tougher engine specifications. It provides very good engine protection and can help extend engine life. Offering excellent wear protection and engine cleanliness Mobil Super 1000 20W-50 is suitable for use in gasoline powered vehicles. All Mobil Super 1000 products are ideally suited for less stressful driving conditions such as highway driving and lower constant speed conditions.

Meets API SM/SL/CF.

Mobil Super 1000 Diesel 15W-40

Mobil Super 1000 Diesel 15W-40 is premium mineral motor oil that is specially designed to suit diesel-powered cars and light commercial vehicles, providing a high level of performance and protection under everyday conditions. Mobil Super 1000 Diesel 15W-40 is industry proven so you can trust you will get the performance you expect from your vehicle.

Meets API CI-4/CH-4/CG-4/SL/SJ and ACEA E7. Suitable for use in applications requiring API CF-4 & ACEA E5.

Mobil Special Early Model 25W-60

A general purpose multigrade automotive engine oil. Especially formulated to protect early model petrol and diesel engines.

- Recommended for early model petrol and light diesel passenger car engines

Suitable for use in applications requiring API SG/CD.



Mobil Formula Family

Mobil Formula X2 5W-40

Mobil Formula X2 5W-40 uses high-performance synthetic base oils together with an advanced additive system to provide a product that meets the latest industry specifications and the majority of leading car makers' service fill requirements. Advanced wear protection, active cleaning power, low oil consumption and excellent low and high temperature properties allow Mobil Formula X2 5W-40 to perform among the leading synthetic motor oils in the market today. Mobil Formula X2 5W-40 offers: excellent thermal and oxidation stability, improved fuel economy and increased power. Mobil Formula X2 5W-40 is specifically recommended for use in all vehicles including high-performance, turbo-charged gasoline, LPG and diesel passenger cars. It is an excellent choice for cars, light trucks and vans requiring a very high level of performance, specific builder approvals and very high performance and protection under extreme conditions.

API SM/SL/SJ/CF, ACEA A3/B3 & A3/B4. Approved against BMW Longlife Oil 01*, VW 502.00/505.00, Mercedes Benz MB-Approval 229.3, Porsche A40, GM-LL-B025.

*Available late 2008

Mobil Super FE Special 5W-30

A heavy duty automotive engine oil designed to deliver maximum fuel efficiency and engine protection to all vehicles where an API SL SAE 5W-30 engine oil is specified. Meets commonly used Ford specifications for imported European Ford vehicles.

Meets API SL, ILSAC GF-3, ACEA A1/B1 and Ford WSS-M2C913-A & Ford WSS-M2C913-B.

Mobil Formula S2 10W-40

Mobil Formula S2 10W-40 is an enhanced, premium semi-synthetic engine oil designed to provide a very high level of protection and performance. Mobil Formula products are formulated to provide protection beyond that of conventional oils. Mobil Formula S2 10W-40 provides: superior wear protection, engine cleanliness and high temperature protection and is suitable for use in gasoline, LPG and diesel powered vehicles. Commonly used as a general purpose workshop oil, meeting most service requirements.

Meets API SM/SL/SJ/CF, ACEA A3/B3. Approved against MB-Approval 229.1 & VW 505.00. Suitable for use in applications requiring VW 500.00.

Mobil Formula S 5W-30

Mobil Formula S 5W-30 is an enhanced, premium semi-synthetic engine oil specifically designed to provide outstanding fuel economy. Mobil Formula S 5W-30 provides: excellent fuel economy, very high wear protection, engine cleanliness and high temperature protection. Mobil Formula S 5W-30 is suitable for use in modern gasoline and LPG powered vehicles.

Meets API SM/SL, ILSAC GF-4/GF-3, GM 6094, GM 9986231, Ford WSS-M2C915-A.

Petrol 2 Stroke Engine Oils

Mobil Outboard Plus

A blue-green marine 2 stroke oil for use in outboard 2 stroke engines. Also suitable for light to moderate duty garden equipment and small motorcycles.

- Excellent anti-wear performance, deposit control and engine cleanliness
- Ideal for direct injection or pre-mix engines

Approved against NMMA TC-W3.

Mobil 2 Stroke

Semi-synthetic 2 stroke oil suitable for motor bike and other 2 stroke engines including lawn mowers and high rewing chainsaws. Excellent heavy duty lubricant but not suitable in marine outboard engines.

- Exceptional engine endurance protection
- Ideal for direct injection and pre-mix engines

Meets ISO EG-D, API TC, SAE Grade 2 Miscibility.



Motor Cycle Products

Mobil 1 Racing 4T 15W-50

A fully synthetic, race proven engine oil for both on road and competition 4 stroke motorcycles. Provides excellent protection under the most gruelling riding conditions.

- Excellent wet clutch performance
- Outstanding wear and deposit control

Meets API SJ & JASO MA.

Mobil 1 V Twin 20W-50

A fully synthetic multigrade engine oil for both on road and competition 4 stroke motorcycles. Provides excellent wet clutch performance, wear protection and deposit control. Especially recommended for Harley Davidson motorcycles and other V Twin engine applications.

- Excellent wet clutch performance, wear and deposit control

Meets API SJ/CF & JASO MA.

Mobil Extra 4T 10W-40

A semi-synthetic 4 stroke engine oil for sports touring and performance motorcycling.

- Excellent high temperature properties
- Outstanding control over engine wear and deposits

Meets API SJ & JASO MA.

Mobil Super 4T 20W-50

A high performance mineral 4 stroke engine oil for every day town and country riding.

- All year round engine protection
- Advanced control over engine wear and deposits

Meets API SG & JASO MA.

Mobil 1 Racing 2T

A fully synthetic super low smoke 2 stroke oil for the most demanding riding conditions on or off road. Provides fuel efficiency and exceptionally clean engines. Not suitable for marine outboard engines.

- Long engine life due to outstanding protection against wear
- Exceptionally clean engines, leading to extended spark plug and valve life
- Maximum fuel efficiency due to absence of pre-ignition and smoke-free exhaust

Meets JASO FD & FC, ISO E-GD and API TC.

Mobil Extra 2T

A semi-synthetic 2 stroke oil suitable for motorcycle and other 2 stroke engines including lawn mowers and high revving chainsaws. Excellent heavy duty lubricant. Not suitable for marine outboard engines.

- Exceptional engine endurance protection
- Ideal for direct injection and pre-mix engines

Meets JASO FD & FC, ISO E-GD and API TC.

Mobil 2T Gear Oil

A race tested lubricant designed to both maximise protection of the clutch and transmissions of modern 2 stroke motorcross/racing bikes and minimise excess frictional drag, which can reduce the power transmitted to the rear wheel.

Meets API GL-4.

Mobil Synthetic Motorcycle Chain Lube

A fully synthetic chain and sprocket lubricant. Excellent adhesion and packed in a handy aerosol applicator pack. Provides excellent lubrication and wear protection.

- Excellent adhesive properties that reduce the need to re-apply
- Resists evaporation, and provides long term lubrication with rapid penetration and self cleaning action

Mobil Fork Light 5 Mobil Fork Medium 10 Mobil Fork Medium 15

Motorcycle suspension fluids suitable for conventional forks, upside down forks, cartridge forks and rear shock absorbers. The polymer enhanced technology ensures excellent performance over a wide range of temperatures, ensuring consistent suspension performance in racing, off road and on road conditions.

- "Stiction" effects are minimised in gas pressurised systems
- Controlled seal swell which maximises fork seal life and service intervals
- Protects steel and aluminium alloys
- Exceptional shear stability for longer life and improved suspension control



Diesel Engine Oils

Mobil Delvac 1 ESP 5W-40

Mobil Delvac 1 ESP 5W-40 is a fully synthetic supreme performance heavy duty diesel engine oil that helps extend engine life while providing long drain capability and potential fuel economy for modern diesel engines operating in severe applications. Mobil Delvac 1 ESP utilizes state-of-the-art technology to deliver exceptional performance in modern low emission engines and older, well-maintained engines. Mobil Delvac 1 ESP 5W-40 is recommended for use in a wide range of heavy-duty applications and operating environments found in the on-road transport and off-road mining, construction, marine, and agricultural industries.

Meets API CJ-4/CI-4 Plus/CI-4/CH-4/CG-4/CF-4/CF/SM/SL, ACEA E7 and Caterpillar ECF-3/ECF-2. Approved against Cummins CES 20081, Detroit Diesel DDC Power Guard Oil Specifications 93K214 & 93K218, Deutz DQC II-05 & III-05 & Mack EO-O Premium Plus & EO-N Premium Plus 03, MB-Approvals 228.3 & 228.31, and Volvo VDS-4/VDS-3/VDS-2. Suitable for use in applications requiring ACEA E5.

Mobil Delvac XHP LE 10W-40

Mobil Delvac XHP LE 10W-40 is a synthetic extra high performance diesel engine oil engineered to provide lubrication to modern European high performance, low emissions engines used in severe on-highway applications. This engine oil is designed using high performance base oils which provide excellent low temperature fluidity, high temperature viscosity retention, volatility control and fuel economy improvement. The new advanced additive system has been expertly engineered to help prolong the life and maintain the efficiency of emission reduction systems such as DPF (Diesel Particulate Filter). This system (DPF) is used by some truck builders to fulfill emission requirements of Euro IV and future Euro V.

- Suitable for use in new Euro 4 / 5 engines
- Extended drain potential

Meets ACEA E7/E6/ E4. Approved against MB-Approvals 228.5 & 228.51, MAN M3477 & M3277 (CRT), RVI-RLD2 / RVI-RXD and Volvo VDS-3.

Mobil Delvac MX ESP 15W-40

Mobil Delvac MX ESP 15W-40 is an extra high performance diesel engine oil that helps extend engine life in the most severe on and off-highway applications, while delivering outstanding performance in modern, high-output, low-emission engines including those with Exhaust Gas Recirculation (EGR). Fully backwards compatible, Mobil Delvac MX ESP will also deliver the same exceptional performance in older conventional engines. As a result, it exceeds the API CJ-4, CI-4 PLUS and CH-4 service categories as well as key Original Equipment Manufacture (OEM) requirements for 2007 engines.

Meets API CJ-4/CI-4 Plus/CI-4/CH-4/CG-4/CF-4/CF/SM/SL, SJ, ACEA E7/E9, Caterpillar ECF-3, Cummins CES 20081, Detroit Diesel DDC Power Guard Oil Specifications 93K214 & 93K218, Mack EO-O Premium Plus & EO-N Premium Plus 03, JASO DH-2, MB-Approvals 228.3 & 228.31, Volvo VDS-4/VDS-3/VDS-2, MAN M3275 & Deutz DQC II-05.

Mobil Delvac MX 15W-40

Mobil Delvac MX 15W-40 is a high performance diesel engine oil meeting the demands of modern diesel engines. Ideal for mixed fleets with a variety of engine types - covers US, European and Japanese OEM's. Its multi-function performance makes it ideal for mixed fleet operations, including petrol and LPG powered vehicles.

- Enhanced protection for 4 stroke diesel engines in on and off-highway service
- Prolonged engine life and outstanding control of high temperature deposits
- Excellent soot control, reduced engine scuffing and bore-polishing
- Reduced oil consumption

Now suitable for Japanese engines requiring specification JASO DH-1

Meets API CI-4/CH-4/CG-4/CF-4/CF/SL/SJ, ACEA E7, JASO DH-1, Caterpillar ECF-2, Cummins CES 20078/77/76/72/71, Detroit Diesel 7SE 270 (4 stroke cycle), MAN M3275, Mack EO-N Premium Plus, Mack EO-M Plus, MB-Approval 228.3, RVI RLD, Volvo VDS-3/VDS-2 and ZF TE-ML 04C. Suitable for use in applications requiring ACEA E5 & Allison C4.

Mobil Delvac Super 1400A 15W-40

Mobil Delvac Super 1400A 15W-40 is a premium diesel engine oil that provides reliable engine protection for today's diesel engines. Mobil Delvac Super 1400A 15W-40 is formulated to strict standards for reliable engine performance in modern diesel and gasoline engines as well as older models. This product is recommended for use in on-highway and off-highway applications in trucking, mining, construction and agricultural industries.

Meets API CI-4/CH-4/CG-4/CF/SL/SJ, ACEA E7, Caterpillar ECF-2, Cummins CES 20078/77/76/72/71, Detroit Diesel 7SE 270 (4 stroke cycle), MAN M3275, Mack EO-M Plus, MB-Approval 228.3, RVI RLD, Volvo VDS-3/VDS-2 and ZF TE-ML 04C. Meets MTU TYPE 1 Open Crankcase Only - ODI Up to 500 Hours. Suitable for use in applications requiring API CF-4, ACEA E5 & Allison C4.



Mobil Delvac 1630, 1640

Mobil Delvac 1630 and 1640 are premium monograde high performance commercial engine oils formulated to meet the demands of modern diesel engines operating in severe off-highway applications. These "High Performance" products contain high quality mineral base oils and a proven additive system which provides added detergency, dispersancy and wear protection compared to standard monograde engine oils. Mobil Delvac 1630 and 1640 provide good protection against oil thickening, high temperature engine deposits, sludge build-up, oil degradation and corrosion. They also have alkalinity reserve protection for diesel engines operating on moderate to high sulphur fuels.

- Enhanced protection for 4 stroke diesel engines in demanding off-highway service
- Prolonged engine life and good control of high temperature deposits
- Excellent soot control and dispersancy reserve
- Boosted detergent levels providing excellent piston cleanliness and deposit control
- Improved low temperature sludge control in stop/start service
- TBN reserve for enhanced long term wear protection and deposit control

Meets API CF, ACEA E2, JASO DH-1. Approved against MB 228.2, MAN 270, MAN 4-Stroke Medium Speed Diesel Engine, MTU Type 2 and Wartsila Medium Speed Diesel Engine. Suitable for use in applications requiring API SF.

Mobil Delvac 1330, 1340

Heavy duty, high detergent/dispersant series of lubricants for diesel engines, transmissions and some hydraulic applications where monograde oils are specified. Designed to meet the most severe performance needs of turbocharged and naturally aspirated diesel engines in construction, earthmoving and agricultural service.

- Long engine life and low maintenance costs
- Minimum combustion chamber and valve deposits

Suitable for use in applications requiring API CF/SF, MB 227.0

Mobil Delvac 1240, 1250

Heavy duty, low ash monograde diesel engine oils recommended for Detroit Diesel 2 cycle engines. Mobil Delvac 1250 is especially recommended for Series 149 engines.

- Excellent protection against valve gutting/ring sticking
- Excellent protection against bore polish and reduced piston deposits
- Reduced liner and ring scuffing

Suitable for use in applications requiring API CF/CF-2/SF.

Gear Oils

Mobil Delvac Synthetic Gear Oil 75W-90, 80W-140

Fully synthetic, extreme pressure, multipurpose gear lubricants recommended for the lubrication of hypoid differentials, final drives, manual transmissions and transfer cases.

- Excellent lubrication under extreme conditions with easy gear shifting
- Significantly reduces transmission and differential temperatures
- Very low pour point, very high viscosity index and shear stability
- Excellent thermal and oxidation stability
- Rust and corrosion protection and antifoam properties
- High load carrying capability and fully compatible with mineral oils

Mobil Delvac Synthetic Gear Oil 75W-90: Meets API GL-5 & API MT-1. Approved against Mack GO-J Plus, MAN 342 Typ M2, MB 235.8 and ZF-TE-ML 05B/12B/16F/17B/19C.

Mobil Delvac Synthetic Gear Oil 80W-140: Meets API GL-5, API MT-1 & Scania STO 1:0. Approved against ArvinMeritor 0-76N, Dana Shaes 256, Eaton PS 163/037. Approved against Mack GO-J & ZF TE-ML 05B/12B/16F/19C.

Mobilube SHC ID

Recommended for use in all differentials including limited slip, final drives, manual transmissions and other gear applications where an API GL-5, SAE 80W-140 oil is required. Mobilube SHC ID is formulated to meet the specific requirements of certain differentials.

Approved against GM-H Specification No. HN2040 & by Ford Australia against Ford Spec. No. ESZ-M2C-190A. Suitable for use in applications requiring API GL-5.

Mobilube S 80W-90

Mobilube S 80W-90 is an extra high performance drive train lubricant engineered to provide optimum lubrication for state-of-the-art, heavy duty manual components used in on-highway commercial vehicles and cars. Formulated using advanced base oils and additive system that delivers excellent shifting performance, good low temperature fluidity and high temperature viscosity retention.

- Outstanding load carrying, anti-wear and extreme pressure performance
- Effective thermal and oxidation resistance at high operating temperatures
- Good low-temperature fluidity

Meets API GL-4 & GL-5 and API MT-1. Approved against ZF TE-ML 02B/05B/07A/12E/16B/17B, MAN 3343 Type M and Mack GO-J. Suitable for use in applications requiring MAN 341 Typ Z2 and MAN 342 Typ M2

Mobil 1 Syn Gear Lube LS 75W-90

Mobil 1 Syn Gear Lube LS 75W-90 is a synthetic extreme pressure lubricant used where heavy duty gear protection and high load carrying performance is required in limited slip and conventional differentials.

- Outperforms all conventional gear lubricants with Indy 500-certified performance
- Minimises wear and spalling in racing and high performance cars
- Maximum resistance to breakdown from heat and extended high speed
- Excellent limited slip performance and extended service life

Meets API GL-5.

Mobilube HD 80W-90, 85W-140

Mineral based, heavy duty, extreme pressure, multipurpose gear lubricants for most automotive gear applications. Suitable for both transmissions and hypoid rear axles.

- Protects gears under low speed/high torque and shock loads
- Protects against high speed scoring
- Superior oxidation and thermal stability and protects against rust and corrosion

Meets API GL-5.

Mobilube XHP 75W-90

Mobilube XHP 75W-90 is an extra-high performance oil primarily intended for the lubrication of manual transmissions. It is formulated from very highly refined mineral oils and a new technology additive system to achieve a level of performance which is beyond that possible with conventional mineral oil-based products, and provides excellent resistance to thermal degradation and oxidation. Mobilube XHP 75W-90 is compatible with synchromesh systems in both passenger cars and commercial vehicles and offers an enhanced shift quality with extremely smooth gear changes.

Meets API GL-4.

Mobilube GX-A 80W

Mineral gear lubricant recommended for some modern manual gearboxes especially Ford and Mercedes-Benz where specified.

- Suitable for units with bronze components
- Makes gear changes easier, especially in cold climates
- Excellent rust and corrosion protection

Meets API GL-4. Approved against MB 235.1, ZF TE-ML 02A/08/17A & MAN 341 Type Z1.

Mobilube LS 85W-90

Mineral based, extreme pressure lubricant formulated specially for limited slip differentials

- Superior oxidation and thermal stability with a high degree of wear protection
- Can be used as both a gearbox and differential oil, thus reducing inventory

Meets API GL-5. Approved Against ZF TE-ML 05C/12C/16E.

Mobil Delvac Synthetic Transmission Fluid Arctic

This fully synthetic all temperature fluid is designed especially for extreme cold climate applications. It should be used wherever Caterpillar TO-4 fluids are specified.

- Provides outstanding clutch and brake compatibility
- Excellent high and low temperature performance

Meets Caterpillar TO-4. Suitable for use in applications requiring Allison C-4.

Mobil Delvac Synthetic Transmission Fluid 50

Synthetic manual transmission and gear lubricant for heavy vehicles. Fully approved for Eaton Roadranger transmissions.

- Excellent load-carrying performance for manual transmissions
- Outstanding protection against deposits on seals, resulting in longer seal life
- Maximum protection against corrosion of copper and its alloys, thereby protecting gear synchronisers
- Control of high-temperature deposits with outstanding low-temperature fluidity and extended drain capability
- Easier gear shifting

Meets API GL-4 & MT-1 and is approved against Eaton PS 164 Rev 7, Roadranger PS 164 Rev 7, Mack TO-A Plus, & Volvo 97305-89/97315.

Mobiltrans HD 10W, 30, 50

Mineral based lubricants for on and off-road commercial vehicle transmissions, drive trains and hydraulic systems. Designed to lubricate the most demanding transmissions, drive trains, clutches, and wet brakes in off-highway contractor, logging, mining and farming equipment. These oils can be used in manual, powershift and hydrostatic transmissions in on and off-highway applications.

- Optimised clutch-friction retention and slippage control
- Improved control of gear wear in transmissions, gear boxes and drive trains
- Good performance in wet brakes, excellent control of brake chatter
- Outstanding hydraulic oil stability and protection against high pressure pump wear

Mobiltrans HD 10W & HD 30 meet CAT TO-4 and are suitable for use in applications requiring ZF TE-ML 03C & Allison C-4. Mobiltrans HD 50 meets CAT TO-4..

Mobilube XFD 60

Mobilube XFD 60 extreme pressure final drive oil has been formulated specifically to provide optimum component life when used as recommended in Caterpillar final drives and axles.

- Specially designed for heavily loaded and severe applications not using friction materials
- Excellent Timken bearing wear performance
- Excellent load-carrying capability
- Fully compatible with Caterpillar seals and TO-4 fluids
- Designed to reduce / eliminate foaming
- Recommended 3000 hr drain interval for Off-Highway trucks

Meets Caterpillar FD-1.



Mobilfluid 424

A high quality transmission fluid suitable for the manual transmissions in many passenger cars and 4WD vehicles where cold shifting in low gear is a problem. Specified for late model Ford power steering systems.

Meets API GL-4, AGCO Powerfluid 821XL, Case New Holland CNH MAT 3525, Ford New Holland FNHA-2-C-201.00, John Deere J20C, Kubota UDT, Vickers 35VQ25 & Volvo BM/WB101. Suitable for use in applications requiring Allison C-4 (agricultural applications only), Caterpillar TO-2, Denison HF-0/HF-1/HF-2 (Pumps only), JI Case MS 1204/1205/1206/1207/1209, Massey Ferguson M1135/1141 & Case New Holland CNH MAT 3505.

Mobil Hydraulic 10W

Low viscosity hydraulic oil especially designed for use in heavy duty hydraulic systems.

- Less wear especially in vanes and control valves
- Protects against vane sticking
- Reduces premature wear and extends equipment life
- Reduces wear at cold start-up temperatures
- Effective lubrication film strength at high temperatures

Meets Vickers 35VQ25 and suitable for use in applications requiring API CD/SF.

Automatic Transmission Fluids

Mobil 1 Synthetic ATF

A new generation race proven synthetic automatic transmission fluid. This fluid will provide superior high temperature performance in cars originally using GM Dexron III and Ford Type H (M2C166H) and CJ (M2C138 C.J).

- Exceeds severe needs of hydraulic systems and many power steering units
- Outstanding resistance to shearing and high temperatures, thereby improving transmission life
- Extended drains and transmission life because of enhanced fluid thermal and oxidation stability

Meets Allison C-4 and Ford Mercon® V. Suitable for use in applications requiring GM Dexron® IIIH and Ford Mercon®.

Mobil Multipurpose ATF

High performance automatic transmission fluid that meets Dexron III, Ford Mercon and Allison C-4 specifications with excellent retention of frictional characteristics and resistance to foaming. Correct frictional properties for smooth shifting.

- Retains frictional characteristics under severe operating conditions
- Protection against deposits formed at high temperatures
- Very good high temperature stability to resist lacquer and deposit formation
- Good protection against wear and excellent foam resistance

Suitable for use in applications requiring GM Dexron® IIIH, Ford Mercon® & Allison C-4.

Mobil ATF 220

An automatic transmission fluid recommended for some automatic and manual transmissions in passenger cars and light duty trucks as well as for power steering systems. It is also suitable for hydraulic systems in farm equipment and other installations having similar fluid requirements.

- Longer retention of frictional characteristics under severe operating conditions
- Good low temperature fluidity
- Good high temperature stability to resist lacquer and deposit formation
- Good protection against wear and excellent foam resistance

Approved against ZF TE-ML 03D/04D/11A/14A/17C, MB-Approval 236.7, MAN 339D & Voith G607. Suitable for use in applications requiring Dexron IID, Caterpillar TO-2, Allison C-4, Ford M2C163A & GM Type A Suffix A.

Mobil ATF 95LE

An automatic transmission fluid which is made from high quality base oils with antioxidants, antiwear agents, defoamants and special additives to meet the controlled frictional characteristics of BTR Engineering (Australia) Limited Four (4) Speed automatic transmissions Models 85LE, 91LE and 95LE. Mobil ATF 95LE is recommended for Ford vehicles equipped with four speed automatic transmissions.

- Correct frictional properties for smooth shifting
- Very good high temperature stability to resist lacquer and deposit formation
- Good protection against wear and excellent foam resistance

Mobil ATF LT 71141

Mobil ATF LT 71141 automatic transmission fluid is a semi-synthetic high performance ATF with long drain-performance for use in automatic transmissions and power-steering systems. Frictional characteristics make it suitable for use in electronically controlled converter clutches.

- Correct frictional properties for smooth shifting
- Longer retention of frictional characteristics under severe operating conditions
- Very good high temperature stability to resist lacquer and deposit formation

Approved against MB-Approval 236.11, VW TL 52162, Voith Turbo 55.6336.33 (G 1363) and ZF TE-ML 4D/11B/14B/16L/17C.



Mobil ATF 3309

Mobil ATF 3309 is an exceptionally high performance lubricant that meets OEM specifications for use in certain slip-controlled lock-up automatic transmissions. Recommended for use in transmissions made by Aisin-Warner. The Aisin-Warner transmissions are used in certain domestic and foreign vehicles including Toyota, Lexus, Saturn, Ford, Volvo, Volkswagen, SAAB, Porsche and Mitsubishi.

- Controlled friction properties for smooth and efficient transmission of power across all normal temperature ranges
- Extends transmission life based on excellent wear control
- Controls transmission shudder and provides excellent vehicle drivability

Recommended for use in transmissions made by Aisin-Warner requiring fluids approved against JWS 3309 or GM 9986195 and service fill applications where Toyota T-IV, T4, T-III or T3 are called for.

Mobil Delvac Synthetic ATF

Mobil Delvac Synthetic ATF is a fully synthetic fluid recommended by Allison Transmission, Inc. meeting the Allison TES-295 Specification. The fluid is designed to meet the demanding requirements of modern heavy duty automatic transmissions. The synthetic base oil composition enables excellent performance even in the severest of operating conditions. It offers outstanding gear shifting and power transfer performance. Versus conventional ATF fluids, the inherently high viscosity index and stability of Mobil Delvac Synthetic ATF protects against thermal breakdown at high operating temperatures, while still providing outstanding performance at ambient temperatures as low as -54°C. Mobil Delvac Synthetic ATF advanced technology has demonstrated extended drain, long-term friction retention, and low-temperature capability. Further, it improves overall transmission durability and cleanliness. Key features and benefits include.

- Improves and extends transmission efficiency, smooth shifting performance and fuel economy.
- Keeps transmissions clean to extend life and performance even under severe driving conditions.
- Significant wear reduction and longer transmission life.
- Leads to viscosity retention even under the severest heavy duty, high temperature operating conditions.
- Viscosity retention even under the severest heavy duty, high temperature operating conditions

Mobil Delvac Synthetic ATF is recommended for use in modern high performance trucks, buses, utility vehicles, haulers, vans and other equipment requiring Allison TES-295 performance levels. Approved against Allison TES-295 (AN - 051005)

Greases

Mobilith SHC 220

A superior NLGI No. 2 high-performance synthetic grease which provides extreme-pressure properties, excellent resistance to water washout and outstanding protection against rust and corrosion. Has excellent structural stability and low-temperature pumpability, making it an outstanding automotive grease. Recommended for applications such as disc brake wheel bearings, ball and steering joints, and universal joints.

- All-purpose automotive service
- Excellent resistance to rust and corrosion
- Outstanding structural stability and excellent wear protection under heavy loads
- Excellent resistance to water washout and outstanding service life

Mobilgrease XHP 222

Premium lithium complex, NLGI 2, extreme pressure multi-service grease used in a wide range of applications. It is formulated to provide excellent high temperature performance with excellent adhesion, structural stability and resistance to water washout. Suitable for automotive, industrial bearings, chassis components and marine equipment due to its excellent water resistance and corrosion protection. Also recommended for components subject to shocks and vibrations or a corrosive environment.

- High level of protection against wear, corrosion and oxidation
- Exceptional rust protection against acidic water
- High anti-wear and extreme pressure performance and excellent resistance to water washout and contamination

Mobilgrease XHP 222 Special

Has all the advantages of Mobilgrease XHP 222 with the addition of molybdenum disulphide for severe shock load applications. Recommended for constant velocity joints.

Mobilith SHC 007

This synthetic semifluid grease with a high viscosity base oil is especially recommended for use in sealed heavy duty truck wheel bearings in non driven axles.



Specialty and Service Products

Mobil Hydraulic Brake Fluid

A Super DOT 4 class 3/280 fluid for most brake and hydraulic clutch systems including all disc, drum, and anti-skid braking systems used in average to high performance vehicles.

- High boiling point and minimum rubber component swell
- Corrosion protection of metal brake componentry

Meets AS/NZS 1960.1-2005 (Grade 3), FMVSS 116 DOT 4 & DOT 3, ISO 4925 and SAE J1703.

Mobil Antifreeze Extra

A borate- and nitrite-free ethylene glycol based coolant concentrate. It is formulated to provide corrosion protection for all year round operation of cooling systems in cars, motorcycles and light duty diesel engines.

- 3 years protection
- Corrosion protection of engine cooling systems
- Compatible with aluminium and iron engine components
- Raises coolant boiling point

Contains Glystantin Protect Plus G48 from BASF which is approved by: Audi TL 774-C; BMW N.600 69.0; MAN 324-NF; Mercedes-Benz Page 325.0; Opel / General Motors B 040 0240; Porsche TL 774-C; Saab 6901 599; Scania TI 02-980813; Seat TL 774-C; Skoda TL 774-C; Volkswagen TL 774-C (VW Code G11); Volvo Car 1286083; MTU MTL 5048; German Army TL 6850-0038/1; KHD H-LV 01610188; Jenbacher TA-Nr. 1000-0201; Zastava 102004.

Mobil Coolant Extra Readymix

A convenient pre-mix automotive engine coolant consisting of a 36% blend of Mobil Antifreeze Extra with demineralised water.

Heavy Duty Coolants

Mobil has a range of concentrate and pre-mixed heavy duty coolants and inhibitors. Consult Mobil for product applications.

Cleaners and Ancillary Products

Mobil has an extensive range of cleaners and ancillary products. Consult Mobil for details of products and applications.



Engine Oils

Mobil Agri Engine Oil 15W-40

Mobil Agri Engine Oil is an SAE 15W-40 engine oil that exceeds the performance classification requirements for modern low emission diesel and high performance gasoline engines. Mobil Agri Engine Oil provides protection against high temperature deposits, sludge build-up, oil degradation and corrosion. Excellent lubricant for mixed fleet applications and designed for use in turbocharged and naturally aspirated engines. Recommended for diesel and petrol engines in trucks, passenger cars, farm and contractor equipment.

- Controls soot and high temperature deposits
- Provides protection for severe duty diesel engines in all operations
- High temperature/high shear stability provides protection against engine scuffing and bore polishing

Meets API CI-4/CH-4/CG-4/CF-4/CF/SJ, ACEA E7 and Cummins CES 20071. Approved Against Cummins CES 20076. Suitable for use in applications requiring ACEA E5 & Allison C-4.

Mobil Agri Engine Oil 30

A high performance diesel and petrol engine oil designed to reduce piston ring groove deposits, ring sticking and valve train and bearing wear under severe service conditions. This oil is recommended for use in 4 stroke standby generator motors, lawn mowers and similar applications. One oil for turbocharged and naturally aspirated diesel engines and petrol engines. Suitable for tractors, combine harvesters, balers, pumps, lawn mowers and other agricultural equipment.

- One oil for all applications where an SAE 30 lubricant is specified
- High temperature deposit control in valve and combustion areas

Suitable for use in applications requiring API CF/SF.

Mobil Agri Super 10W-30

A multipurpose universal lubricant designed for use in tractors. It is a multigrade mineral engine oil with anti-chatter additives for use in wet brakes and mild extreme pressure additives for gearbox, transmission and differential protection. One oil for turbocharged and naturally aspirated diesel engines, petrol engines, gearboxes, final drives, hydraulics and oil immersed wet brakes. Recommended for tractors, combine harvesters, balers, pumps and other agricultural equipment.

- High performance multigrade lubricant
- Simplified storage and dispensing

Suitable for use in applications requiring API CF-4/SF, API GL-4, Allison C-4 (agricultural applications only), Ford M2C159B, John Deere J27 & Massey Ferguson M1135/M1139/M1144/M1145. Approved against ZF TE-ML 06B/07B.

Transmission Fluids

Mobil Agri Fluid 424

A high quality, high viscosity index transmission fluid with mild extreme pressure additives for transmission and hydrostatic fluid refill requirements to suit a wide range of farm and industrial tractors, mobile contractor equipment and some passenger cars. It also has proven performance in a number of 4WD manual transmissions, transfer cases and power steering applications.

- One fluid for transmission and hydraulic systems
- Excellent extreme pressure protection for maximum gear life
- Frictional characteristics for wet brakes and power take-off clutches
- Oxidation stability, foam control and water tolerance
- Protection against rust and corrosion

Meets API GL-4, AGCO Powerfluid 821XL, Case New Holland CNH MAT 3525, Ford New Holland FNHA-2-C-201.00, John Deere J20C, Kubota UDT, Vickers 35VQ25 & Volvo BM/WB101. Suitable for use in applications requiring Allison C-4 (agricultural applications only), Caterpillar TO-2, Denison HF-0/HF-1/HF-2 (Pumps only), JI Case MS 1204/1205/1206/1207/1209, Massey Ferguson M1135/1141 & Case New Holland CNH MAT 3505.

Mobil Agri Fluid 422

A multipurpose transmission fluid developed to meet the requirements of tractors equipped with oil immersed wet brakes. It satisfies the requirements of transmissions, final drives, hydraulic systems and the most severe chatter prone wet brake designs. Mobil Agri Fluid 422 meets the specification requirements of a wide variety of tractor hydraulic systems, transmissions and final drives and has the frictional properties to overcome wet brake chatter.

- One oil for transmissions, final drives, hydraulic systems, and oil immersed wet brakes
- Protects against rust and corrosion
- Wide operating temperature range
- Excellent gear wear protection

Meets API GL-4, Ford M2C86B & Massey Ferguson M1135.



Hydraulic Oil

Mobil Agri Hydraulic Oil

A premium quality hydraulic oil specifically for all conventional and high-pressure, high output hydraulic systems. It is formulated from stable, high quality, high-VI basestocks and additives, designed to provide a high level of system cleanliness, excellent demulsibility and filterability. Mobil Agri Hydraulic Oil is intended primarily for hydraulic systems and hydraulic pumps operating under the most severe conditions in agricultural service.

- Clean performance for systems critical to deposit build-up
- Excellent filterability retention minimises filter plugging tendencies
- Outstanding load-carrying and anti-wear properties
- Demulsibility allows quick water separation
- Multi-metal compatibility under wet and dry conditions, protecting pumps using copper and steel alloys

Pump Oil

Mobil Agri Rotary Oil

Designed to lubricate rotary vacuum pumps that are fitted to milking machines such as the "Masport" vacuum pumps designed with an all loss system that requires an oil that will emulsify with water and carry it away to waste. Mobil Agri Rotary Oil provides good film thickness at high operating temperatures, but will still flow freely through the oil wicks at low winter temperatures. This oil can also be used to provide lubrication and protection of shearing machine equipment.

- Suitable for "Masport" all loss pumps
- Provides antiwear performance and protects from scuffing
- Excellent lubrication of shearing machine equipment

Chain and Bar Oil

Chain and Bar Oil

An industrial quality anti-wear chainsaw chain, bar and sprocket oil.

- Tackiness additive means less waste
- Reduced chain drag improves cutting speed
- Protects against rust and corrosion



Piston Engine Oil

Exxon Aviation Oil Elite 20W-50

This SAE 20W-50 multigrade, semi-synthetic oil is recommended for all Teledyne Continental and Textron Lycoming engines. Exxon Aviation Oil Elite 20W-50 oil contains the anti-wear / anti-scuffing additives required for some Lycoming engines.

U.S. Military approved against SAE J 1899 (Replaces MIL-L-22851D). FAA AD 80-04-03-R2 par.b.1 (for more information see FAA Special Airworthiness Information Bulletin, No. NE-00-22).

Jet Engine Oils

Mobil Jet Oil II

Second generation synthetic lubricant designed for use in aircraft turbine engines. Also suitable for some stationary gas turbines.

Approved against US Spec MIL-PRF-23699 STD, Qual #0-1, NATO 0-156. Engines: Honeywell/Lycoming-Turbine Engines, Rolls Royce/Allison Engine Company, CFM International, General Electric Company, IAE International, Pratt & Whitney Group, Rolls Royce Limited, SNECMA, Honeywell/Garret Turbine Engine Company, Turbomecca. Accessories: Honeywell-Auxillary power units and air cycle machines, Hamilton Standard-Starters, Hamilton Sundstrand Corp. APU's constant speed drives and integrated drive generators.

Mobil Jet Oil 254

Third generation synthetic lubricant developed for turbine engines in commercial and military aircraft.

Approved against US Military Spec MIL-PRF-23699 High Thermal Stability (HTS) classification. Engines: Honeywell /Lycoming-Turbines, Rolls Royce/ Allison Engine Company, CFM International, General Electric Company, International Aero Engines, Pratt & Whitney Group, Pratt and Whitney, Canada, Rolls Royce Limited, SNECMA, Honeywell/Garret Turbine Engine Company. Accessories: Honeywell-Auxillary power units and air cycle machines, Hamilton Standard-Starters, Hamilton Sundstrand Corp. - APU's constant speed drives and integrated drive generators.

Hydraulic Oil

Mobil Aero HF

Premium quality, 'super clean' mineral based aviation hydraulic fluid.

Approved against MIL-H-5606G, NATO H-515.

Greases

Mobil Aviation Grease SHC 100

A high performance grease which combines a synthetic base fluid with a lithium complex soap thickener. The traction property of the base fluid is lower than mineral oil which can result in temperature reductions in the load zone of rolling element bearings. For aviation wheel bearing applications which need a lubricant that can perform normal functions yet go far beyond in terms of high and low temperatures and long-life performance. It meets major aircraft wheel manufacturers specifications.

Approved as a wheel bearing grease by ABSC, Dunlop, Goodrich, Honeywell, Messier Bugatti, Parker-Cleveland.

Mobilgrease 28

An extreme pressure clay based synthetic grease. It performs over a wide temperature range and resists high temperature oxidation, water washout, provides load carrying ability, reduces frictional drag and prevents excessive wear. Used in landing wheel assemblies, aircraft control systems, actuators and servo devices. Also recommended for use in sealed bearing motors, oscillating bearings and helicopter bearings and sliding mechanisms such as wing flap screwjacks.

Mobilgrease 28 has the following US Military qualifications MIL-G-81322E and NATO G-395 approved and DOD-G-24508A amendment 4 quality level.

Typical Properties



	Viscosity Grade SAE	Viscosity cSt @ 40°C	Viscosity cSt @ 100°C	Viscosity Index	Pour Point°C	
AUTOMOTIVE						
Petrol Engine Oils						
Mobil 1 0W-40	0W-40	75	13.5	185	-48	
Mobil 1 ESP Formula 5W-30	5W-30	73	12.1	164	-45	
Mobil 1 5W-30	5W-30	63	11.0	169	-42	
Mobil 1 5W-50	5W-50	108	17.5	179	-42	
Mobil 1 15W-50	15W-50	127	18.5	164	-33	
Mobil Super 3000 X2 5W-40	5W-40	83	14.0	174	-42	
Mobil Super 2000 X2 10W-40	10W-40	92	14.4	154	-36	
Mobil Super 2000 5W-30	5W-30	61	10.4	157	-36	
Mobil Super 1000 X2 15W-40	15W-40	106	14.4	141	-33	
Mobil Super 1000 20W-50	20W-50	167	19.1	127	-30	
Mobil Super 1000 Diesel 15W-40	15W-40	105	14.0	135	-30	
Mobil Special Early Model 25W-60	25W-60	240	24.5	120	-24	
Mobil Formula X2 5W-40	5W-40	82	14.0	175	-42	
Mobil Super FE Special 5W-30	5W-30	55	10	172	-30	
Mobil Formula S2 10W-40	10W-40	92	14.3	152	-36	
Mobil Formula S 5W-30	5W-30	61	10.4	157	-36	
Petrol 2 Stroke Engine Oils						
Mobil Outboard Plus	-	53	8.8	145	-36	
Mobil 2 Stroke	-	42	7.3	140	-33	
Motorcycle Products						
Mobil 1 Racing 4T 15W-50	15W-50	133	19.4	166	-54	
Mobil 1 V Twin 20W-50	20W-50	130	17.8	150	-51	
Mobil Extra 4T 10W-40	10W-40	92	14.4	152	-36	
Mobil Super 4T 20W-50	20W-50	171	19.1	127	-30	
Mobil 1 Racing 2T	-	90	13.8	154	-42	
Mobil Extra 2T	-	41	7.2	140	-33	
Mobil 2T Gear Oil	80W	60	9.9	135	-33	
Mobil Fork Light 5	-	15	3.6	148	-42	
Mobil Fork Medium 10	-	32	6.1	141	-51	
Mobil Fork Medium 15	-	46	7.86	141	-42	
Diesel Engine Oils						
						TBN
Mobil Delvac 1 ESP 5W-40	5W-40	98	14.7	156	-48	10
Mobil Delvac XHP LE 10W-40	10W-40	85	13.0	153	-33	12
Mobil Delvac MX ESP 15W-40	15W-40	114	15.0	137	-30	10.5
Mobil Delvac MX 15W-40	15W-40	117	15.5	140	-33	12
Mobil Delvac Super 1400A 15W-40	15W-40	105	14.2	138	-33	10
Mobil Delvac 1630	30	90	11.5	117	-36	12
Mobil Delvac 1640	40	132	14.7	112	-27	12
Mobil Delvac 1330	30	106	11.8	99	-21	10
Mobil Delvac 1340	40	146	14.6	99	-21	10
Mobil Delvac 1240	40	160	15.5	98	-24	7
Mobil Delvac 1250	50	223	19.5	99	-21	7
Automotive Gear Oils						
Mobil 1 Syn Gear Lube LS 75W-90	75W-90	106	15.2	150	-46	
Mobil Delvac Syn Gear Oil 75W-90	75W-90	120	15.9	140	-48	
Mobil Delvac Syn Gear Oil 80W-140	80W-140	310	31.2	139	-36	
Mobilube HD 80W-90	80W-90	136	14.5	136	-30	
Mobilube HD 85W-140	85W-140	328	25.3	97	-18	
Mobilube SHC ID	80W-140	230	25.2	139	-39	
Mobilube S 80W-90	80W-90	143	14.93	105	-30	
Mobilube XHP 75W-90	75W-90	100	15.5	165	-45	
Mobilube GX-A 80W	80W	76	10	104	-33	
Mobilube LS 85W-90	85W-90	153	15.3	100	-27	
Mobil Delvac Syn Trans Fluid Arctic	30	81	12.2	146	-51	
Mobil Delvac Syn Trans Fluid 50	50	140	17.6	138	-48	

Typical Properties



	Viscosity Grade SAE	Viscosity cSt @ 40°C	Viscosity cSt @ 100°C	Viscosity Index	Pour Point°C	
AUTOMOTIVE						
Gear Oils						
Mobiltrans HD 10W	10W	42	6.3	96	-33	
Mobiltrans HD 30	30	100	11.2	97	-27	
Mobiltrans HD 50	50	195	18.0	100	-15	
Mobilube XFD 60	60	334	25.2	97	-15	
Mobil Hydraulic 10W	10W	39	6.3	109	-33	
Mobilfluid 424	80W	55	9.3	145	-42	
Automatic Transmission Fluids						
Mobil 1 Synthetic ATF	-	34	7.6	199	-54	
Mobil Multipurpose ATF	-	38	7.6	176	-51	
Mobil ATF 220	-	37	7	153	-44	
Mobil ATF 95LE	-	37	7.5	185	-42	
Mobil ATF LT 71141	-	37	7.3	168	-54	
Mobil ATF 3309	-	35	7.2	180	<-45	
Mobil Delvac Synthetic ATF	-	39	7.3	168	-54	
AGRICULTURAL						
Engine Oils						
						TBN
Mobil Agri Engine Oil 15W-40	15W-40	105	14.2	138	-33	10
Mobil Agri Engine Oil 30	30	106	11.8	99	-21	10.1
Mobil Agri Super 10W-30	10W-30	78	12.1	150	-36	10
Transmission Oils						
Mobil Agri Fluid 424	-	55	9.3	145	-42	-
Mobil Agri Fluid 422	-	84	10.6	110	-33	-
Hydraulic Oil						
	ISO					
Mobil Agri Hydraulic Oil	68	71	8.53	98	-21	-
Pump Oil						
Mobil Agri Rotary Oil	-	84	10	97	-18	-
Chain and Bar Oil						
Chain and Bar Oil	100	127	11.3	110	-28	
AVIATION						
Piston Engine Oil						
	SAE					
Exxon Aviation Oil Elite 20W-50	20W-50	183	20.5	131	-27	
Jet Engine Oils						
Mobil Jet Oil II	-	28	5.1	130	-54	
Mobil Jet Oil 254	-	26	5.3	138	-54	
Hydraulic Oil						
Mobil Aero Oil HF	-	14	4.9	375	-59	
	Thickener Type	NLGI Number	Base Oil Viscosity ISO VG	Drop Point °C	Colour	
GREASES						
Automotive						
Mobilith SHC 220	Lith/Complex	2	220	275	Red	
Mobilgrease XHP 222	Lith/Complex	2	220	280	Dark Blue	
Mobilgrease XHP 222 Special	Lith/Complex	2	220	280	Grey/Black	
Mobilith SHC 007	Lith/Complex	00	460	n/a	Red	
Aviation						
Mobilgrease 28	Clay	1.5	32	260	Red	
Mobil Aviation Grease SHC 100	Lith/Complex	2	100	278	Red	



Notes

Notes





Mobil Industrial
Lubricants

Product Guide

Industrial Lubricants

Mobil South Pacific





The Mobil South Pacific Product Guide is designed to give a brief description on each of the products we sell and to help make your buying decisions easier.

Mobil offers the highest quality lubricants with superior performance for a wide range of automotive and industrial applications. These premium lubricants are supported by Mobil programs and technical expertise.

Mobil combines the technology behind the world's most advanced engine oil with a full understanding of local conditions to provide you with products you can rely on.

The Mobil Lube Line can help you decide which Mobil product to use. Our lubricant experts can check specifications and product names, identify competitor products, solve lubrication problems and make recommendations. We can talk about lubricants for automotive, marine and all types of industrial equipment.

In Australia

Call Mobil Oil Australia Pty Ltd 1800 033 863 or visit www.mobil.com.au

In New Zealand

Call Mobil Oil New Zealand Limited 0800 732 275 or visit www.mobil.co.nz

In Pacific Islands

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Mobil pursues a policy of constant research and development to improve its products. This Product Guide, published in July 2008 and revised in May 2009, supersedes all previous issues, earlier editions should be destroyed to avoid confusion and the possibility of product misapplication. This Product Guide is based on the latest information available. Mobil reserves the right to change product formulations and specifications without notice. It is, therefore, important to verify intended applications with Mobil and relevant engine and equipment manufacturers before use.

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Industrial Oils

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Mobilect 45	Mobilect 44
Mobilgear 600 series	Mobilgear 600 XP iso series
Esso Nuto H 46, 60, 100	Mobil Nuto H 46, 68, 100
Mobil Pegasus 905	Mobil Pegasus 1005
Mobil Pegasus 701, 70 5	Mobil Pegasus 801, 805
Mobil DTE Oil Extra Heavy	Mobil Vacuoline 528
Mobil DTE Oil AA	Mobil Vacuoline 537
Mobil DTE Oil BB	Mobil Vacuoline 533
Mobil DTE Oil HH	Mobil Vacuoline 546

Compressor Oils - Refrigeration

Gargoyle Arctic SHC 226	Gargoyle Arctic SHC 226E
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Greases

Mobilgrease HTM	Mobilgrease XHP 462
Greasrex RGM-2	Esso Z-50 Pipe Dope
Mobil Mine Grease 222	Ronex AW 222 Moly
Mobilith SHC PM	Mobilith SHC PM 460

Coolants

Mobil Anti-Freeze	Mobil AntiFreeze Extra
Mobil Coolant	Mobil Coolant Extra Ready Mixed

Air Tool Oils

Mobil Almo 527, 530, 532, 535

Lubricants specially developed for use in all types of air tools and pneumatic equipment including rock drills, underground equipment and pavement breakers. They possess good anti-wear characteristics. They also give excellent control over water washing, corrosion and fog formation: important considerations for underground mining operations.

- Extended tool life, reduced maintenance and repair costs
- Better adhesivity, reduced water washout
- Protection against rust and corrosion
- Toxicologically acceptable at normal levels of fog concentration

Chain Lubricant

Mobil Pyrolube 830

A fully synthetic lubricant developed for use on hot conveyor chain applications in drying ovens and tenter frames. This equipment is commonly used in the manufacturing of glass fibre and rock wool mats and the continuous production of particleboards. Mobil Pyrolube 830 can be fed automatically to the chain by nozzle pipes or applied by hand using a brush.

- High wear protection of chain and pinion
- Reduced lubricant consumption and reduced energy consumption
- Outstanding high temperature performance
- Improved operational safety
- Negligible deposit formation at high temperatures
- Low evaporation loss and no unpleasant odour

Circulating Oils

Mobil DTE Oil Light, Medium, Heavy Medium, Heavy

A range of high quality lubricating oils used in a wide variety of industrial applications including turbines, precision machine tools, air compressors, industrial bearings and certain type of gears. Also used in large presses, gearboxes, heavy machine tools and paper machine dryers

- High chemical and thermal stability
- Excellent demulsibility for quick and complete water separation
- Excellent wear protection
- Excellent air release properties to minimise compressibility and erratic operation

Mobil SHC 624, 626, 629, 630, 632, 634, 636, 639

Fully synthetic gear and bearing lubricants that have proven their versatility in extreme service applications at high and low temperatures. Mobil SHC 600 Series lubricants are recommended for use in industrial bearings and gears where operating temperatures or pressures are such that using conventional lubricants results in unsatisfactory life of equipment and oil. Their extended service life makes them especially suitable for applications where high maintenance costs for system cleaning and lubricant changes occur. Typical applications include plastic calendars, mixer roll bearings and roll neck bearings where high temperatures are encountered.

- Provide long service life
- Reduce bearing and gear tooth wear
- Reduce power consumption
- Reduce down time and maintenance costs
- Excellent high temperature oxidation and thermal stability which minimises sludge formation and deposit build-up
- High viscosity index for optimum film thickness at operating temperatures
- Very low pour point for low temperature start-up
- High load carrying ability and outstanding anti-wear properties
- Rust and corrosion protection
- Compatible with conventional mineral oils



Compressor Oils - Air

Mobil Rarus 424, 425, 426, 427, 429

Specifically designed for single and multistage reciprocating and rotary air compressors, they can be used for both crankcase and cylinder lubrication. Mobil Rarus 400 Series are made from specially refined mineral base oils and selected additives to give excellent thermal and oxidation stability to resist deposit formation on exhaust valves.

- Rust protection with good load carrying ability and demulsibility
- Longer valve cleaning intervals as a result of high resistance to deposit formation
- Good inter-cooler and after-cooler efficiency due to resistance to emulsion formation
- Lower operating costs as a result of long crankcase charges, due to high oil stability

Mobil Rarus 827, 829

Diester synthetic lubricants for severe duty, multistage compressors that provide outstanding deposit control and long lubricant life. These products also provide excellent air separation and possess low foaming tendencies. These superior lubricants are recommended for use in high-severity rotary and most reciprocating air compressors. They are especially effective in multi-stage units where there has been a history of excessive oil deposits, whether in large or small cylinders at high or low pressure. Mobil Rarus 800 Series are designed to lubricate both cylinders and crankcases and minimise carbon and sludge deposits in critical high temperature areas.

- Excellent oxidation and high temperature stability
- Increased service intervals between cleaning of valves, parts and inter-coolers
- Excellent air separation and minimum foaming tendency
- Minimised deposit formation
- High autogenous ignition temperatures and flash points
- Reduced fire risk
- Not compatible with mineral oils

Mobil Rarus SHC 1025, 1026

Fully synthetic rotary screw air compressor lubricants designed for continuous high temperature duty. Their superior thermal and oxidation stability enables them to be particularly effective in screw type compressors with oil injection cooling and in compressors with high final compression temperatures or having tendencies towards coke formation and deposits. They are excellent in compressors where extended drain intervals, long service life and excellent protection against wear are required.

- Reduced maintenance and reduce lubricant consumption
- Reduced fire and explosion risk
- Prevents deposits and coking. No corrosion
- Low volatility with high performance over a wide temperature range
- Good air separation
- Compatible with materials normally used in compressors

Compressor Oils - Refrigeration

Gargoyle Arctic Oil 300

A straight mineral, narrow cut, very low pour point naphthenic oil intended for the lubrication of both cylinders and bearings of reciprocating refrigeration compressors with all types of refrigerants except HFC-134A, similar HFCs and sulphur dioxide. Gargoyle Arctic Oil 300 is suitable for a wide range of applications because of its low Freon 12 floc point, low pour point and suitable viscosity. Thermal stability minimises compressor piston ring and exhaust valve deposits.

- Very low pour point maintains evaporator efficiency
- Low volatility maintains viscosity for long service life and low foam tendency

Gargoyle Arctic SHC 226

Synthetic industrial lubricant developed specifically for refrigeration compressors and formulated for severe service under conditions that are beyond the capabilities of conventional mineral oils. Gargoyle Arctic SHC 226 is designed for reciprocating refrigeration systems with very high compressor temperatures but is also suitable for screw compressors and for use with systems incorporating very low evaporative temperatures. Prevents deposit formation in low temperature systems.

- Reduces discharge valve deposits and improves compressor efficiency
- Very low pour point, zero wax content
- High viscosity index and high temperature stability
- Greater chemical stability in the presence of refrigerants
- Low volatility and low solubility with refrigerants such as R12 and ammonia
- Especially recommended for systems using R12, R22 and R114 refrigerants
- Replaces and is compatible with Gargoyle Arctic SHC 226E



Gas Engine Oils

Mobil Pegasus 1

Synthetic oil designed for use in low, medium and high speed natural gas and land fill gas engines. This oil provides outstanding service in the most demanding turbo-charged and lean burn engines. With an inherently high viscosity index, Mobil Pegasus 1 provides a better protective film at temperatures of up to 40°C above the limits for conventional mineral oils. It will provide outstanding service in slow speed, 2 and 4 cycle gas engines, starting and operating under very low or very high operating temperatures.

Mobil Pegasus 1 can be used in gas engines using alternate energy sources for fuel. These include gases containing up to 0.3% sulphur such as hydrogen sulphide and small amounts of total organic halides, such as chloride. Provides superior performance in gas engines operating at low, medium or high speeds.

- Maximum protection at high temperatures
- Outstanding anti-wear, anti-scuff and valve seat protection
- Extended oil and filter life compared with conventional mineral oils

Mobil Pegasus 1005

Mobil Pegasus 1005 high performance gas engine oil is formulated to provide today's high output, low-emission, fuel-efficient, 4 cycle engines with the highest levels of protection. It provides outstanding antiwear protection for heavily loaded valve train components while maintaining compatibility with catalytic converter materials. Mobil Pegasus 1005 controls the formation of carbon and varnish deposits to minimize oil consumption and maintain engine cleanliness even during extended drain intervals and helps keep engines running longer and cleaner.

- Outstanding performance
- Extended oil life improves drain interval with improved engine reliability and increased productivity
- Low oil volatility helps minimize engine and exhaust system deposits
- Exceptional wear protection helps control wear on critical engine components

Mobil Pegasus 805

Mobil Pegasus 805 gas engine oil provides excellent oxidation, nitration and thermal stability with reduced levels of carbon and sludge formation and longer oil and filter life. This is a medium-ash oil which exhibits outstanding valve face and seat protection, optimised engine cleanliness, control of deposit formation and also provides protection against piston scuffing, scoring and cylinder wear.

- Extended oil drain intervals and longer filter life
- Optimal valve and seat life
- Maximum protection against piston scuffing, ring and liner wear
- Improved engine cleanliness
- Excellent resistance to oxidation and nitration

Mobil Pegasus 801

Mobil Pegasus 801 is a premium performance gas engine oil intended for the lubrication of all classes of gas engines operating at low, medium and high speeds where low ash or ashless oils are recommended. Mobil Pegasus 801 is intended for the lubrication of the crankcase, power cylinders, and compressor cylinders of spark-ignited, two- and four-cycle gas engines operating on clean fuel. It is ideal for engines that drive generators for power production or gas compressors used in gathering, transmission, storage, and distribution of natural gas.

- Outstanding oxidation stability for longer oil and engine life
- Excellent antiwear and anti-scuff protection
- Exceptional nitration resistance and high level corrosion protection

Mobil Pegasus 710

A mineral oil for turbocharged and naturally aspirated medium to high speed 4 cycle gas engines with outstanding resistance to valve train wear and protection against deposit formation. Engine cleanliness is enhanced and piston scuffing, scoring and cylinder wear are minimised.

- Excellent protection for valve guide faces and seats
- Maximum protection against piston scuffing, scoring and cylinder liner wear
- Improved engine cleanliness
- Minimum ash deposits in lean-burn and low-oil consumption gas engines

Mobil Pegasus 610

For gas engines running on land fill gas or sour gas. Made from the highest quality selected base stocks to provide excellent oxidation, nitration and thermal stability, reduced levels of carbon, varnish and sludge formation and longer oil and filter life. Provides outstanding protection for turbo-charged and naturally aspirated medium and high speed, 4 cycle gas engines.

- Outstanding acid-neutralisation and control of corrosion
- Low deposit-forming characteristics, excellent protection against wear and scuffing
- Very good control of valve and seat wear with excellent resistance to oxidation and nitration
- Zinc and phosphorous free additives

Mobil Pegasus 505 SAE 40

Designed to lubricate the crankcases and power and compression cylinders of 2 and 4 stroke gas fuelled engines.

- Extended oil life
- Reduced overhaul costs



Gear Lubricants - Enclosed

Mobilgear SHC 220, 320, 460, 680, 1000, 1500

These oils are formulated from synthetic basestocks selected for their exceptional oxidation and thermal properties, inherently high viscosity index, extreme low-temperature mobility and freedom from many undesirable compounds found in conventional mineral basestocks. An advanced additive package provides foam control, extreme pressure characteristics and protection against rust and corrosion. Inherent in their basestocks is a low traction coefficient characteristic providing improved gear efficiency and lower operating temperatures. Mobilgear SHC Series oils are recommended for all types of enclosed gear drives. They are suitable for both circulation and splash lubrication systems. They are particularly recommended for gear sets operating under heavy or shock loads and low speeds where boundary lubrication may prevail.

- Provide long service life with lower maintenance costs
- Reduce bearing and gear wear, reduce power consumption and down time
- Excellent frictional characteristics conserve energy, reduce friction losses and lower bulk oil temperatures

Mobilgear 600 XP 68,100,150, 220, 320, 460, 680

Mobilgear 600 XP Series are extra high performance mineral gear oils having outstanding extreme pressure characteristics and load-carrying properties, intended for use in all types of enclosed gear drives with circulation or splash lubrication systems. By protecting the gears, bearings and seals, Mobilgear 600 XP oils can improve equipment reliability and increase productivity. They are recommended for industrial spur, helical and bevel enclosed gears operating at bulk oil temperatures up to 100°C and are particularly suitable for gear sets working under heavy or shock loads.

- Enhanced gear wear protection from micropitting
- Improved bearing wear protection extends bearing life
- Outstanding compatibility with a range of seal materials
- Excellent resistance to oil oxidation and thermal degradation
- High resistance to sludge and deposit formation

Mobilgear XMP 320, 460

Mobilgear XMP 320 and 460 are extra high performance industrial gear oils, designed to provide optimum equipment protection and oil life under extreme conditions. Mobilgear XMP 320, 460 gear oils are based on high quality mineral base stocks and incorporate an advanced proprietary additive system designed to provide excellent protection against conventional wear modes such as scuffing and also provide a high level of resistance against micropitting fatigue. They also offer the potential for improved lubrication of gearbox rolling element bearings. Mobilgear XMP 320 and 460 gear oils offer outstanding rust and corrosion protection versus conventional gear oils, including seawater and acidic water protection. They show no tendency to plug fine filters even when wet and have excellent compatibility with ferrous and non-ferrous metals even at elevated temperatures. Mobilgear XMP gear oils are recommended for enclosed industrial gear drives including steel-on-steel spur, helical, and bevel gears. They are especially recommended for applications that may be subject to micropitting such as heavily loaded gearboxes with surface-hardened tooth metallurgies. They are suited for gear applications where risk from corrosion may be severe, such as wind turbines.

Mobilgear SHC XMP 320

Mobilgear SHC XMP 320 is a high-performance, fully synthetic gear oil designed to provide optimum equipment protection and oil life under extreme conditions. Mobil's synthesized hydrocarbon technology has been selected for its exceptional oxidation resistance and thermal properties with a naturally high viscosity index, excellent low temperature fluidity and none of the undesirable compounds which are often found in mineral oils. The high viscosity index and low traction coefficient of this oil combine to provide a significant reduction in power consumption in many gear drives. Mobilgear SHC XMP 320 contains an advanced and carefully blended additive package designed to provide excellent protection not only against conventional wear modes such as scuffing but also an improved level of protection against micropitting fatigue. In addition, compared to conventional gear oil chemistries, improved lubrication of rolling element bearings is achieved in most gearboxes, including wind turbines. Mobilgear SHC XMP 320 offers outstanding rust and corrosion protection versus conventional gear oils, no tendency to plug fine filters even when wet, excellent resistance to foaming, seal compatibility equivalent to mineral oil products and excellent compatibility with non-ferrous metals even at elevated temperatures.

Mobil Glygoyle 150, 220, 460, 680

Mobil Glygoyle ISO Series lubricants are supreme performance gear, bearing and compressor oils designed to provide outstanding benefits in terms of efficiency, long oil life, and equipment protection. These fully synthetic, polyalkylene glycol (PAG) lubricants were developed for use under operating conditions beyond the capabilities of other synthetic lubricants and mineral oils. Their low pour points ensure excellent low-temperature fluidity. The unique formulation is designed to provide exceptional EP/antiwear protection for critical equipment components, a high level of micropitting protection for sensitive gear systems, protection against rust and corrosion in service and resistance against foam build up. Their excellent lubricity and low traction coefficient result in increased energy efficiency and reduced bulk oil/system temperatures, making them suitable for use in worm gear applications, whilst their outstanding thermal and oxidative stability reduces sludge formation and deposits. These grades are suitable for use in food processing applications, being NSF H-1 registered. They are not compatible with mineral oils.

- Low coefficients of friction and traction
- High thermal conductivity, high viscosity index, low pour point and absence of wax
- Superb thermal and oxidative stability including sludge resistance as well as excellent antiwear protection
- Very good resistance to corrosion and rusting



Visrex 1100, EP 320

High viscosity, heavy-duty industrial gear lubricants intended for enclosed gear sets operating under severe service conditions. As a result of a unique additive system they provide outstanding anti-wear characteristics, enhanced oxidation stability, protection from corrosion and resistance from foaming. These products are blended from specially selected base stocks. They were developed for enclosed gearcases on draglines used in the open cut mining industry which work under heavy and shock load conditions. Visrex Series are particularly recommended for the lubrication of dragline hoist, drag and swing enclosed gear sets with circulation or splash lubrication systems. They exceed the Bucyrus and Marion benchmark requirements.

- Outstanding load-carrying properties as evaluated in laboratory tests and confirmed in field service
- Increased oxidation and thermal stability protects from formation of sludge and deposits, even at high bulk oil temperatures
- Increased protection against rust and corrosion for metals used in gear sets
- Longer lubricant charge life, reduced oil change labour costs, less down time, reduced lubricant and lubrication costs
- Lower operating costs, higher productivity and longer component life

Gear Lubricants - Open

Mobiltac 275 NC

An unleaded, diluent-type, heavy-bodied semi-fluid open gear lubricant. It contains a non-chlorinated, volatile solvent to ensure fluidity during application to gear teeth. Suitable for use on draglines and mining shovels.

- Excellent protection of gear teeth under boundary lubrication conditions
- Excellent low-temperature pumpability, excellent resistance to water washout
- Minimal throw-off and dripping, reduced clean-up

Mobiltac 375 NC

An unleaded, diluent-type, heavy-bodied open gear lubricant. It contains a non-chlorinated, volatile solvent to ensure fluidity during application, even at temperatures as low as -2°C. Once applied, the diluent evaporates and the lubricant takes on a flexible, adhesive, high-strength consistency which is maintained throughout its service life. Mobiltac 375 NC adheres strongly to gear teeth to resist excessive throw-off, thereby providing a wear-resistant, viscous, continuous film that lubricates well under boundary conditions. Mobiltac 375 NC will not harden, chip, or flake in cold weather, is self-healing, and does not form hard-packed build-up in gear-tooth roots. Mobiltac 375 NC is recommended for the lubrication of highly loaded open gears, including those that operate at high temperatures, for example, ring gears on cement kilns and large gears on ore-processing mills.

- Excellent protection of gear teeth under boundary lubrication conditions
- Excellent low-temperature pumpability, excellent resistance to water washout
- Minimal throw-off and dripping, reduced clean-up
- No chipping or flaking at low temperatures

Mobilgear SHC 22M, 46M

Mobilgear SHC 22M and 46M are supreme performance ultra high viscosity synthetic lubricants designed specifically for use in heavily loaded, low speed gears where boundary lubrication conditions often prevail. They are designed specifically for heavily loaded, low speed open gearing which drives fixed rotating machinery. Product application is by spray nozzle systems. Specific applications include kilns and mills in mining, cement and limestone production and slow speed, heavily loaded plain and rolling contact bearings as found in sugar plants.

- Thick EHL fluid film formation and selected additives provide outstanding load-carrying, antiwear and tackiness properties
- Extended gear life, less downtime and reduced maintenance and replacement cost
- Excellent pumpability at ambient temperatures
- Reduced lubricant consumption and disposal costs

Mobilgear SHC 3200, 6800

Extremely high viscosity synthetic gear oils for ultimate gear protection. Designed for use in systems where the oil is captured, filtered and recirculated resulting in minimal wastage and disposal problems.

- Outstanding load-carrying and antiwear properties
- Outstanding thermal/oxidation resistance and long product life
- Very high viscosity provides excellent EHL film protection of gears and bearings even at slow speeds, high loads and high temperatures



Hydraulic Oils

Mobil DTE 11M, 13M, 15M, 16M, 18M, 19M

Super stabilised high VI anti-wear hydraulic oils with carefully controlled flow properties at low and high temperatures. They are extremely efficient in hydraulic systems operating in low or varying ambient temperatures and in hydraulic systems of all designs.

- Applicable for outdoor service under severe cold climatic conditions
- Less machine down time due to superior wear and corrosion protection
- Extended service life of pumps and critical components
- Superior low temperature fluidity with outstanding viscosity/temperature characteristics, optimising performance of hydraulics at low and high temperatures
- Outstanding load carrying and anti-wear properties
- Excellent oxidation and temperature stability reducing sludge and deposits
- Excellent rust protection, even in the presence of seawater
- Thin oil film inhibition provides rust protection to parts not always oil immersed
- Superior demulsibility and foam resistance

Mobil DTE 24, 25, 26, 27, 28

Premium quality hydraulic oils specifically for conventional and high-pressure, high-output hydraulic systems. They are formulated from stable, high quality basestocks and additives, designed to provide a high level of system cleanliness, excellent demulsibility, filterability and thin oil film rust inhibition. Mobil DTE 20 Series are intended primarily for hydraulic systems and hydraulic pumps under the most severe conditions in stationary and mobile applications. This includes high pressure systems, servo valves and all robotics in industrial service. They are also suitable for many circulating, splash and ring oil lubrication systems.

- Excellent keep clean performance for systems subject to deposit build up
- Excellent filterability retention minimises filter plugging tendencies
- Outstanding load-carrying and anti-wear properties
- Good demulsibility for quick water separation and resistance to emulsion formation
- Excellent thin oil film protection against rusting
- Multi-metal compatibility under wet and dry conditions, protecting pumps using copper and steel alloy components

Mobil DTE Excel 32, 46, 68

Mobil DTE Excel Series oils are supreme performance, zinc free hydraulic oils developed for use in high speed, high-pressure piston, vane and gear pumps. They are formulated from high quality base stocks and specially selected super-stabilised additives. Their advanced ashless anti-wear additive system technology was developed to give exceptional corrosion protection for copper-based alloys in severe hydraulic applications such as high-pressure axial piston pumps. This unique additive system also gives the Mobil DTE Excel Series excellent compatibility with coolants used in metal working applications. These premium quality

hydraulic oils are for use in high speed, high-pressure piston, vane and gear pumps and especially suitable where high temperature pumps made with steel and copper alloy components are subject to water contamination.

- Unique ashless anti-wear additives and very good multi-metal compatibility
- Outstanding thermal and oxidation stability
- Excellent corrosion protection

Mobil Nuto H 46, 68, 100

Mobil Nuto H Series oils are premium quality hydraulic oils intended for industrial and mobile service applications where antiwear lubricants are required. These oils are designed to provide good performance in a range of hydraulic components used in systems subjected to moderate to severe operating conditions. They provide good protection against rust and corrosion in high humidity operations or where low levels of moisture are unavoidable.

- Excellent antiwear performance reducing pump wear and leading to long pump life
- High performance and smooth hydraulic operations due to fast air release, very good foam control and good water separability
- Excellent corrosion protection and filterability

Mobil SHC 524, 526

Mobil SHC 500 Series are exceptionally high quality, wide temperature, shear stable hydraulic oils with controlled low-temperature pumpability properties and maximised antiwear protection for high pressure vane, piston and gear pumps. These products have excellent low and high temperature performance making them an excellent choice for equipment subjected to a wide range of start-up and operating temperatures. The Mobil SHC 500 Series oils provide outstanding shear stability for use in high pressure, high temperature operating environments for extended periods of time without the loss of critical lubrication characteristics.

- Excellent antiwear performance and high viscosity index
- Outstanding oxidation stability and excellent corrosion protection
- Excellent air separation characteristics and controlled demulsibility

Mobil EAL 224H

Developed to satisfy customer needs for a hydraulic and circulation oil which is readily biodegradable and non toxic. It provides anti-wear and film-strength characteristics necessary for hydraulic systems operating under moderate to severe conditions. It is formulated from High-Viscosity Index vegetable oils and additives to satisfy Mobil's stringent criteria for biodegradability and toxicity.

- Readily biodegradable and virtually non toxic for environmental protection
- Outstanding load-carrying and anti-wear capability for superior protection against wear
- Multi-metal compatibility to protect pumps using copper alloy components
- Excellent protection against rust; good thin oil film rust protection of surfaces intermittently wetted by oil
- Can be used where ISO VG 32, 46, 68 grades are required



Machine Shop Oils

Mobil Vacuoline 1405

A special machine toolway oil with specific additives to eliminate chatter and stick-slip under moderate conditions while also acting as a machine tool hydraulic fluid in non-critical applications.

Mobil Vactra No 2, No 4

Used with all combinations of cast iron, steel and non-metallic slideway materials. Their outstanding lubricity and antiweld additives make them particularly suitable for extreme machining precision.

- Controlled frictional characteristics resulting in practically stick-slip free operation for any structural material, even under high loads and low speeds, producing superior work piece finish and closer tolerances
- Increased wear protection of slideways, supports, aprons and screws
- Increased rust and corrosion protection with long lubricant life in circulation systems

Mobil Velocite Oils No 3, 6, 10

Formulated from stable, low viscosity, light coloured basestocks and a balanced additive package. They contain rust and oxidation inhibitors, lubricity additive, and a defoamant. They have high viscosity indexes which allows for precise control of feed rates in lubricators where temperatures vary widely. Mobil Velocite Oils are recommended for the lubrication of high speed spindle bearings on grinders and plain and anti-friction high speed bearings on textile machines. Mobil Velocite Oils may be applied by misting, drip feed, force feed, or wick feed, as well as by hand oiling and reservoir.

- Good wear protection, long service life
- Good rust protection and antifoam characteristics

Mill Lubricants

Mobil Vacuoline 525, 528, 533, 537, 546

A family of heavy duty mineral based lubricating oils formulated to meet the critical requirements of No-Twist Rod Mills made by Morgan Co., USA. Mobil Vacuoline 500 Series oils are suitable for all types of Morgan No-Twist Rod Mill lubrication systems for bearings, gears, adjusting screws, etc and circulating systems for back up roll bearings of rolling mills.

- Good demulsibility for rapid water separation
- Excellent load carrying and anti-wear properties
- Excellent rust protection, good copper corrosion protection
- Resistance to foaming and good filterability
- High oxidation stability resulting in longer lubricant life

Marine Oils

Mobilgard Series

The Mobilgard Series is a comprehensive range of premium diesel engine oils used as the cylinder and bearing lubricants in marine and industrial engines. These engines operate in all environments and on fuels ranging from distillates to high sulphur residuals. The oils contain additives which provide oxidation stability, detergent dispersant properties, extreme pressure characteristics and acid neutralising ability resulting in reduced wear, less cylinder and piston deposits and extended oil life.

Mobilgard 1 SHC

This oil was specifically developed to meet the needs of high speed diesel engine operators for a long life synthetic lubricant. Special synthetic base stocks and unique additive technology provide superior high temperature performance, unexcelled start-up reliability and wear protection.

Mobilgard 300

Mobilgard 300 is a premium quality, extra high performance system oil designed for crosshead diesel engines. High quality paraffinic base oils along with a balanced additive system provide excellent protection even for the severe operating conditions of the latest design, high-output crosshead marine diesel engines.

Mobilgard 312, 412

Mobilgard 12 Series are 15 TBN high performance diesel engine oils developed for use in trunk piston engines operating on low sulphur distillate fuels in marine and industrial applications.

Mobilgard M330, M430

Extra high performance 30 TBN oils designed for use in severe residual-fuelled, medium speed diesel engines in marine and stationary power applications. These diesel engine oils have been specially formulated to provide outstanding residual fuel compatibility characteristics for excellent engine cleanliness, especially in crankcase, camshaft areas, ring belt and piston undercrowns. They provide excellent high temperature oxidation and thermal stability, low volatility, and high load carrying properties and corrosion protection.

Mobilgard M340, M440

Extra high performance 40 TBN oils designed for use in the most severe residual-fuelled, medium speed diesel engines in marine and stationary power applications. These diesel engine oils have been specially formulated to provide outstanding residual fuel compatibility characteristics for excellent engine cleanliness, especially in crankcase, camshaft areas, ring belt and piston undercrowns. They provide excellent high temperature oxidation and thermal stability, low volatility, and high load carrying properties and corrosion protection.

Mobilgard M50

Mobilgard M50 is a premium, extra high performance 50 TBN engine oil designed for use in the most severe residual-fuelled medium-speed diesel applications found in marine and stationary power industries.



Mobilgard ADL 40

Mobilgard ADL 40 is a high performance, increased dispersancy engine oil for high BMEP medium and high-speed diesel engines operating on distillate and MDO fuels. Mobilgard ADL 40 has demonstrated superior performance in the latest model diesel engines, including MAN B&W Alpha, Caterpillar (3600 Series), Deutz and Wartsila engines.

Mobilgard 570

This is an extra high performance 70 TBN cylinder oil for large crosshead engines in marine use, using high (1.5 to 4.5%) sulphur residual fuels.

Mobilgard HSD

Developed to address specific requirements of high speed diesel engines in marine applications. It provides prolonged engine life and reduced oil consumption. Its advanced chemistry provides outstanding performance in both modern demanding low-emission diesel engines and older diesel engines operating on low or high sulphur distillate fuel.

Mobilgard 450 NC

A zinc free, chlorine free lubricant formulated to meet the requirements of heavily loaded diesel engines in marine and stationary use. Mobilgard 450 NC has EMD approval.

Mobil Stern Tube Lubricant

Mobil Stern Tube Lubricant is a high performance, high viscosity lubricant developed especially for the lubrication of Cedervall-type stern tube bearings and for certain bearings in ships' stabilizer fin systems. Mobil Stern Tube Lubricant is formulated from relatively high Viscosity Index (VI) base oils combined with emulsifiers, structure modifiers, surface active agents and corrosion preventives. It emulsifies readily with seawater to form a stable water-in-oil emulsion that is adhesive and an excellent lubricant.

Mobilarma 798

A grease-like corrosion preventative which forms a transparent, non-drip film for marine and industrial wire ropes. Mobilarma 798 can either be applied as received, by brush or swab, or by spray, dip or bath, if the product is first heated to 65°C to 80°C in a well ventilated area.

Transformer Oils

Mobilect 39, 44

High quality transformer oils with high dielectric strength and low water content. Mobilect 39 is uninhibited, Mobilect 44 contains an oxidation inhibitor.

Turbine Oils

Mobil SHC 825

Mobil SHC 825 turbine oil is designed specifically to meet the needs of the most severe industrial gas turbine applications and has a nominal 10,000 hour TOST life. It is recommended for the lubrication of land-based gas turbines, particularly units under 3,000 hp used as standby power units, and in some types of total energy and combined cycle (gas/steam) systems. These include severe stationary gas turbine applications, industrial gas turbines operating in low ambient, remote areas and total energy systems.

Mobil SHC 825 has the following builder approvals: Siemens TLV 9013 04 (approved) and Alstom HTGD 90117 (approved). Meets Solar ES 9-224 Class 1.

Mobil DTE 832, 846

Gas/steam turbine oils for use in steam turbines, gas turbines and combined cycle units with a common oil reservoir. Mobil DTE 800 Series high performance turbine oils are manufactured from very high quality (VHQ) base stocks and zinc free additives meeting the latest manufacturers' requirements.

- Exceptional chemical and oxidation stability, demulsibility and optimal oil life
- Excellent protection against wear, rust and corrosion, gives lower operating costs
- Meet the anti-wear requirements of FZG stage 9
- Meet the requirements for Ingersoll-Rand Centac I and II Centrifugal air compressors

Mobil DTE 832 approved against Siemens TLV 9013 04, Alstom Power HTGD 90 117. Meets DIN 51515 L-TD/TG, General Electric GEK 46506D/E, GEK 107395, GEK 28143-A, GEK 32568-E/F, GEK 101941-A, JIS K-2213 Type 2, Siemens MAT 812101/6/8 and PD-55125Z3, SOLAR ES 9-224, CLASS II & DIN 51515. Suitable for applications requiring General Electric GEK 32568-C. Mobil DTE 846 approved against Siemens TLV 9013 04, Alstom Power HTGD 90 117. Meets DIN 51515 L-TD/TG, GEC ALSTHOM NBA P50001A, General Electric GEK 28143-A, JIS K-2213 Type 2, Siemens MAT 812102/7/9, Solar ES 9-224, CLASS II & DIN 51515.



Mobil DTE 732, 746

Mobil DTE 700 Series are zinc free turbine lubricants specifically designed for use in steam and gas turbine applications. Mobil DTE 700 lubricants exhibit excellent water separability, resistance to emulsion formation with antifoaming characteristics which provide reliable operation and enhanced air release properties which are critical for turbine hydraulic control mechanisms.

- Excellent water separability, superior oxidation, chemical and color stability. Zinc free
- Enhanced rust and corrosion protection
- Rapid air release and resistance to foaming

Mobil DTE 732 is approved against Alstom Power - HTGD 90 117 and Siemens Power Generation TLV 9013 04, and meets ASTM D 4304 Rev A Type I / III, GEC Alstom NBA P50001A, China National Std GB 11120-89 L-TSA, DIN 51515 L-TD (Part 1 2001), DIN 51515- L-TG (Part 2 2004), GE GEK-27070, GE GEK-28143A, GE GEK-32568F, GE GEK-46506D, ISO 8068 L-TGB (Quality Level), ISO 8068 L-TGSB (Quality Level), JIS K-2213 type 2 w/add, Siemens Industrial Turbomachinery MAT 81 21 01, Siemens Westinghouse PD-55125Z3, LMZ Letter No. 510-019/108n Approved. Mobil DTE 746 is approved against Alstom Power - HTGD 90 117, Siemens Power Generation TLV 9013 04 and SKODA TP 0010P/97 (CSN 65 6620). Meets GEC Alstom NBA P50001A, China National Std GB11120-89 L-TSA, DIN 51515 L-TD (Part 1 2001), DIN 51515 L-TG (Part 2 2004), General Electric GEK-28143A, ISO 8068 L-TGB (Quality Level), ISO 8068 L-TGSB (Quality Level), JIS K-2213 type 2 w/add, Siemens Industrial Turbomachinery MAT 81 21 02, LMZ Letter No. 510-019/108n Approved.

Other Industrial Lubricants

Exxon System Cleaner

Exxon System Cleaner is an oil soluble, solvent-free cleaner that contains emulsifiers, dispersants and rust inhibitors. It is safe for use with all ferrous and non-ferrous metals used in industrial equipment. A 5% concentration of Exxon System Cleaner in the system oil is typically recommended.

- Solvent free, oil-soluble cleaner
- Highly recommended for removing varnish, carbon, sludge and other contaminants from circulating lubrication systems, bearings, etc
- Safe for use with all ferrous and non ferrous metals
- Compatible with all seals up to 20% maximum concentration
- Equipment can operate normally during cleaning process

Mobil 600W Super Cylinder Oil

A premium quality, heavy bodied lubricant made from thermally stable basestocks. It is designed to reduce build-up of harmful deposits caused by the high operating temperatures in steam cylinders. Mobil 600W Super Cylinder Oil is compounded to maintain adequate lubricating and sealing films in steam cylinders, resist water washing and enhance load-carrying abilities. Mobil 600W Super Cylinder Oil whilst originally designed for lubricating steam cylinders, is recommended for couplings, bearings and break-in of compressor cylinders. Also used in splash-lubricated enclosed worm gear sets operating at moderate to high speeds and temperatures.

Mobiltherm 605, 610

Mineral oil with superior thermal stability for use in indirect industrial heating systems.

- High temperatures can be sustained at atmospheric or moderate pressure
- Freedom from deposits because of high thermal cracking stability; good heat transfer is maintained during long periods of use
- Good low temperature fluidity for starting-up
- Low pumping losses, low vapour pressure
- High thermal stability, good oxidation resistance and low viscosity

Wire Rope Oil

Wire rope oil is a lubricant specifically developed for the lubrication of large diameter wire ropes that travel over sheaves and operate in dusty environments and is recommended for the lubrication of both hoist and drag wire ropes used on draglines used in the mining industry.

- Extremely tacky, reduces fling-off
- No build-up on outer wire strands thus reducing the accumulation of stones and debris around the winch drum and along the rope pathway on field equipment
- Penetrates rope to reduce corrosion and fretting wear of wire strands
- Successfully lubricates the rope/sheave interface to reduce wear, even under high rope tension and large wrap angle around sheaves
- Additives assist in water repellency
- Increases rope life



Railroad Oils & Greases

Mobil RR 4013

Mobil RR 4013 is a 'Long Life', SAE 40, zinc free railroad engine oil with a TBN of 13 which exceeds 4th generation performance standards.

Mobil RR Super 2413

Mobil RR Super 2413 is a '4th Generation Long Life', SAE 20W-40, zinc free oil with a TBN of 13.

Mobilith SHC RR 221

Mobilith SHC RR 221 is an extended life multipurpose EP grease designed to meet the demanding requirements of the AAR M-942 standard for railcar wheel bearings.

Galena Tramo 3735

A lithium grease recommended for locomotion traction motor gear cases. Meets the requirements of G.M.-EMD for traction motor gear lubricants.

Metal Working Fluids

Mobil has an extensive range of metal working fluids. Consult Mobil for details of the product best suited for different applications.

Water Emulsifiable

Mobilcut 102

A high quality cost effective multi-purpose water emulsifiable metal working fluid. Free from nitrites, phenols and chlorinated additives. High oil content emulsion gives excellent machining performance on ferrous and non-ferrous metals, including aluminium and yellow metal alloys.

Neat Cutting Oil

Mobilmet 414

Mobilmet 414 is a non-corrosive, multi-metal cutting oil developed to provide improved machining efficiency. It is light in colour which improves the visibility of the workpiece and tools and is non corrosive to copper and copper alloys. Mobilmet 414 reduces cutting resistance, improves the surface finish and protects tooling from wear by the use of extreme pressure and antiwear additives. The product has been formulated using highly refined base stocks and chemically stable additives that ensure high levels of oxidation resistance and thermal stability. Mobilmet 414 is recommended for machining operations of all types on aluminum and aluminum alloys, magnesium and magnesium alloys, copper, brass, and bronze. It is also suggested for turning, boring drilling reaming and automatic machining of nickel alloys, nitralloy steels, cast iron and alloy steels up to 200 Brinell hardness

Grease

High Performance Synthetic Greases

Mobilith SHC 100, 220, 460, PM 460, 1500

Outstanding synthetic multi-service greases, recommended for industrial and automotive applications under both high and low temperature operations. They are particularly suited for applications where moisture and/or condensation are critical factors. The Mobilith SHC PM 460 is similar to the SHC 460 but is not coloured red.

- Excellent high temperature performance
- Excellent resistance to rust and corrosion
- Outstanding structural stability
- Excellent wear protection under heavy loads

Mobilith SHC 007

Synthetic, semi-fluid grease with excellent performance in spider bearings and grease filled gear cases subject to high temperatures. Also used in long life sealed heavy duty truck wheel bearings.

Mobilgrease 28

Clay based synthetic grease suitable for high and low temperature applications and high speed bearings.

Electric Motor Greases

Mobil Polyrex EM

Bearing performance is the most critical factor affecting the reliability of electric motors. Mobil Polyrex EM combines an advanced polyurea thickener with newly developed and innovative manufacturing technology to provide improved bearing performance, protection and longer life. Key performance features include:

- Long, reliable service life, even at high temperatures
- Greater durability, even when subjected to extended mechanical shearing forces
- Low noise properties
- Resistance to water washout
- Resistance to rust and corrosion, even when exposed to fresh and mild salt water wash conditions



Contracting / Mining Greases

Mobilgrease CM-P

An NLGI Grade 2 unleaded extreme pressure grease exhibiting high temperature characteristics, excellent resistance to softening even under severe working conditions and has good water resistance. This grease is recommended for highly loaded plain and antifriction bearings and other applications where the 3% molybdenum disulphide and high temperature thickener system will provide extraordinary performance.

- Excellent resistance to water washout and excellent seal compatibility
- Reduced wear and better stay-put properties at high temperatures

Mobilgrease XHP 681 Mine

Extreme pressure grease fortified with 5% molybdenum disulphide for added wear protection over long lubrication intervals under conditions of high temperatures and heavy loads. Mobilgrease XHP 681 Mine is designed primarily for use in the mining industry where it is recommended for the lubrication of low speed, highly loaded plain and antifriction bearings.

- Outstanding wear protection under heavy loading
- Excellent resistance to water washout and outstanding structural stability
- Highly adhesive smooth structure

Ronex AW 222 Moly

Ronex AW 222 Moly is an extreme pressure grease fortified with 3% molybdenum disulphide for added wear protection. It is ideal for greasing oscillating and sliding lube points such as bucket and hinge pins in mining equipment and provides antiwear protection under heavy and shock loads

- Good resistance to rain, mud and other wet conditions
- Excellent protection against rust and corrosion
- Outstanding wear protection under heavy loading

Esso Z-50 Pipe Dope

A drill rod lubricant used wherever an anti-seize compound is required. It incorporates a high percentage of solid type boundary lubricants and antiwear agents which provide extreme pressure properties and anti-seize performance. Used in drill rods and bolts where high torque or loading may cause seizure or binding of the metal threads.

- Provides wear protection under heavy loading with an adhesive smooth surface. Resistant to water washout, rust and corrosion

Multi Service Industrial Greases

Mobilgrease XHP 222

Premium lithium complex, NLGI 2, extreme pressure multi-service grease used in a wide range of applications. It is formulated to provide excellent high temperature performance with excellent adhesion, structural stability and resistance to water washout. Suitable for automotive and industrial bearings, chassis components and marine equipment due to its excellent water resistance and corrosion protection. Also for components subject to shocks and vibrations or in a corrosive environment.

- High level of protection against wear, corrosion and oxidation
- Exceptional rust protection against acidic water
- High anti-wear and extreme pressure performance with excellent resistance to water washout and contamination

Mobilgrease XHP 222 Special

Similar to Mobilgrease XHP 222 with molybdenum disulphide for applications where heavy shock and/or sliding loads can be expected.

Mobilgrease XHP 462

Mobilgrease XHP 462 is an NLGI 2 lithium complex grease with excellent extreme pressure/anti-wear properties. This grease has outstanding resistance to water spray-off and is suitable for high temperature applications due to its high level of chemical stability and excellent protection against rust and corrosion.

- Superb resistance to water washout and spray-off
- Highly adhesive and cohesive structure
- Excellent rust and corrosion resistance

General Service Grease

Mobilux EP 023, 0, 1, 2

Lithium based, multipurpose, extreme pressure greases for lubricating anti-friction and plain bearings under wet and dry conditions.

- Excellent extreme pressure/anti-wear performance
- Excellent resistance to water washout. Easily dispensed

Mobilux EP III

A lithium extreme pressure grease with a smooth tacky structure which is formulated with an extremely heavy base oil. It provides protection against wear in heavily loaded and sometimes misaligned gear couplings commonly found in spindle and other types of couplings in the primary metal industry.

- Extended coupling life and reduced lubricant consumption
- Excellent resistance to oil separation
- Lead, chlorine and nitrite free
- Increased protection against rust and corrosion

Typical Properties



	Viscosity Grade ISO	Viscosity cSt @ 40°C	Viscosity cSt @ 100°C	Viscosity Index	Pour Point°C	
INDUSTRIAL						
Air Tool Oils						
Mobil Almo 527	100	113	11.4	91	-30	
Mobil Almo 530	220	220	19.7	98	-21	
Mobil Almo 532	320	320	24.9	99	-21	
Mobil Almo 535	460	460	32	96	-18	
Chain Lubricant						
Mobil Pyrolube 830	-	180	20.4	132	-46	
Circulating Oils						
Mobil DTE Oil Light	32	31	5.4	102	-21	
Mobil DTE Oil Medium	46	45	6.9	105	-18	
Mobil DTE Oil Heavy Medium	68	65	8.7	101	-18	
Mobil DTE Oil Heavy	100	95	10.2	102	-15	
Mobil SHC 624	32	32	6.3	159	-54	
Mobil SHC 626	68	70	10.9	147	-54	
Mobil SHC 629	150	143	18.3	144	-45	
Mobil SHC 630	220	216	25.9	152	-45	
Mobil SHC 632	320	326	38.6	169	-45	
Mobil SHC 634	460	430	44.9	159	-42	
Mobil SHC 636	680	664	62.8	165	-42	
Mobil SHC 639	1000	933	79.5	164	-15	
Compressor Oils - Air						
Mobil Rarus 424	32	32	5.4	105	-18	
Mobil Rarus 425	46	46	6.9	105	-18	
Mobil Rarus 426	68	68	8.9	105	-18	
Mobil Rarus 427	100	105	11.6	100	-9	
Mobil Rarus 429	150	147	14.7	100	-9	
Mobil Rarus 827	100	108	10.1	66	-36	
Mobil Rarus 829	150	158	13.2	70	-40	
Mobil Rarus SHC 1025	46	44	7.2	131	-39	
Mobil Rarus SHC 1026	68	67	10.1	136	-39	
Compressor Oils - Refrigeration						
Gargoyle Arctic Oil 300	68	67	6.7	17	-42	
Gargoyle Arctic SHC 226	68	66	10	136	-45	
Gas Engine Oils						
	SAE				TBN	
Mobil Pegasus 1	40	94	13	137	-48	6.5
Mobil Pegasus 1005	40	125	13	100	-15	5
Mobil Pegasus 805	40	130	13.5	99	-21	6.2
Mobil Pegasus 801	40	132	13.2	97	-15	2.8
Mobil Pegasus 710	40	121	13.2	98	-24	6.5
Mobil Pegasus 610	40	130	13.8	102	-18	8.6
Mobil Pegasus 505 SAE 40	40	85	13	97	-21	2.7

Typical Properties



	Viscosity Grade ISO	Viscosity cSt @ 40°C	Viscosity cSt @ 100°C	Viscosity Index	Pour Point°C
INDUSTRIAL					
Gear Lubricants - Enclosed					
Mobilgear SHC 220	220	220	26	150	-36
Mobilgear SHC 320	320	320	35	155	-33
Mobilgear SHC 460	460	460	46	155	-27
Mobilgear SHC 680	680	680	62	160	-27
Mobilgear SHC 1000	1000	1000	81	160	-24
Mobilgear SHC 1500	1500	1500	106	160	-18
Mobilgear 600 XP 68	68	68	8.8	101	-27
Mobilgear 600 XP 100	100	100	11.2	97	-24
Mobilgear 600 XP 150	150	150	14.7	97	-24
Mobilgear 600 XP 220	220	220	19	97	-24
Mobilgear 600 XP 320	320	320	24.1	97	-24
Mobilgear 600 XP 460	460	460	30.6	96	-15
Mobilgear 600 XP 680	680	680	39.2	90	-9
Mobilgear XMP 320	320	320	24.1	96	-18
Mobilgear XMP 460	460	460	30.6	96	-12
Mobilgear SHC XMP 320	320	335	38.3	164	-39
Mobil Glygoyle 150	150	150	26.1	210	-33
Mobil Glygoyle 220	220	220	38.1	225	-33
Mobil Glygoyle 460	460	460	77.2	250	-33
Mobil Glygoyle 680	680	680	112.4	265	-33
Visrex 1100	-	1200	62	103	-7
Visrex EP 320	320	320	27.8	113	-15
Gear Lubricants - Open					
Mobilgear SHC 22M	-	22000	700	180	6
Mobilgear SHC 46M	-	46000	1375	180	15
Mobilgear SHC 3200	3200	3023	171	160	-10
Mobilgear SHC 6800	-	8100	350	170	-6
Hydraulic Oils					
Mobil DTE 11M	15	15	3.6	148	-42
Mobil DTE 13M	32	32	6.1	141	-51
Mobil DTE 15M	46	46	7.86	141	-48
Mobil DTE 16M	68	68	10.02	131	-39
Mobil DTE 18M	100	100	12.84	124	-27
Mobil DTE 19M	150	150	16.55	118	-27
Mobil DTE 24	32	32	5.29	98	-27
Mobil DTE 25	46	44	6.65	98	-27
Mobil DTE 26	68	71	8.53	98	-21
Mobil DTE 27	100	95	10.9	98	-21
Mobil DTE 28	150	143	14.28	98	-15
Mobil DTE Excel 32	32	32	5.4	97	-33
Mobil DTE Excel 46	46	46	6.7	97	-33
Mobil DTE Excel 68	68	68	8.5	97	-33
Mobil Nuto H 46	46	46	6.7	95	-18
Mobil Nuto H 68	68	68	8.5	95	-12
Mobil Nuto H 100	100	100	11.1	95	-9
Mobil SHC 524	32	32	6.4	144	-54
Mobil SHC 526	68	68	11.5	153	-42
Mobil EAL 224H	32	37	8.3	212	-34

Typical Properties



	Viscosity Grade	Viscosity cSt @ 40°C	Viscosity cSt @ 100°C	Viscosity Index	Pour Point°C	
INDUSTRIAL						
Machine Shop Oils						
	ISO					
Mobil Vacuoline 1405	32	32	5.3	96	-12	
Mobil Vactra Oil No 2	68	68	8.6	96	-33	
Mobil Vactra Oil No 4	220	221	18.3	96	-3	
Mobil Velocite Oil No 3	2	2	0.95	-	-36	
Mobil Velocite Oil No 6	10	10	2.62	91	-27	
Mobil Velocite Oil No 10	22	22	4.0	95	-36	
Mill Lubricants						
	ISO					
Mobil Vacuoline 525	100	93	10.7	99	-21	
Mobil Vacuoline 528	150	146	14.4	96	-21	
Mobil Vacuoline 533	220	218	18.8	96	-18	
Mobil Vacuoline 537	320	325	24.4	96	-12	
Mobil Vacuoline 546	460	460	29.4	95	-15	
Marine Oils						
	SAE					TBN
Mobilgard 1 SHC	40	109	14.5	136	-54	15
Mobilgard 300	30	111	12	97	-12	5
Mobilgard 312	30	108	12	100	-9	15
Mobilgard 412	40	142	14.5	100	-9	15
Mobilgard M330	30	112	12	96	-6	30
Mobilgard M430	40	143	14	94	-6	30
Mobilgard M340	30	113	12	95	-6	40
Mobilgard M440	40	143	14	93	-6	40
Mobilgard ADL 40	40	141	14.5	101	-9	15
Mobilgard 570	50	229	21	104	-9	70
Mobilgard HSD	15W-40	103	14.2	141	-33	10
Mobilgard M50	40	142	14	95	-6	50
Mobilgard 450 NC	40	139	14.1	98	-6	13
Mobil Stern Tube Lubricant	-	385	24	82	10	-
Transformer Oils						
Mobillect 39	-	9	-	-	-54	
Mobillect 44	-	9	-	-	-54	
Turbine Oils						
	ISO					
Mobil SHC 825	46	44	7.9	145	-45	
Mobil DTE 832	32	30	5.3	110	-30	
Mobil DTE 846	46	42	6.2	106	-30	
Mobil DTE 732	32	30	5.5	117	-30	
Mobil DTE 746	46	44	6.8	113	-30	
Other Industrial Lubricants						
Mobil 600W Super Cylinder Oil	460	460	30.5	95	-12	
Mobiltherm 605	-	30	5.4	103	-6	
Mobiltherm 610	100	100	11.2	97	-6	
Wire Rope Oil	-	1850	60	-	3	
Railroad Oils						
	SAE					TBN
Mobil RR 4013	40	142	14.8	104	-6	13
Mobil RR Super 2413	20W-40	130	15	115	-21	13
METAL WORKING FLUIDS						
Neat Cutting Oil						
Mobilmet 414	-	25	-	-	-12	

Typical Properties



	Thickener Type	NLGI Number	Base Oil Viscosity ISO VG	Drop Point °C	Colour
GREASES					
High Performance Synthetic Greases					
Mobilith SHC 100	Lith/Complex	2	100	280	Red
Mobilith SHC 220	Lith/Complex	2	220	270	Red
Mobilith SHC 460	Lith/Complex	1.5	460	288	Red
Mobilith SHC PM 460	Lith/Complex	1.5	460	260	Cream
Mobilith SHC 1500	Lith/Complex	1	1500	288	Red
Mobilith SHC 007	Lith/Complex	00	460	n/a	Red
Electric Motor Greases					
Mobil Polyrex EM	Polyurea	2	100	260	Blue
Contracting / Mining Greases					
Mobilgrease CM-P	Lith/Complex	2	320	260	Grey
Mobilgrease XHP 681 Mine	Lith/Complex	1	680	275	Grey/Black
Ronex AW 222 Moly	Lith/Complex	2	220	298	Grey
Esso Z-50 Pipe Dope	Lith/Complex	2	460	260	Grey/Black
Multi Service Industrial Greases					
Mobilgrease XHP 222	Lith/Complex	2	220	280	Dark Blue
Mobilgrease XHP 222 Special	Lith/Complex	2	220	280	Grey/Black
Mobilgrease XHP 462	Lith/Complex	2	460	280	Blue
General Service Greases					
Mobilux EP 023	Lithium	000	320	n/a	Brown
Mobilux EP 0	Lithium	0	150	190	Brown
Mobilux EP 1	Lithium	1	150	190	Brown
Mobilux EP 2	Lithium	2	150	190	Brown
Mobilux EP III	Lithium	1	1000	180	Black
Aviation					
Mobilgrease 28	Clay	1.5	32	260	Red
Aviation Grease SHC 100	Lith/Complex	2	100	278	Red
Automotive					
Mobilith SHC 220	Lith/Complex	2	220	275	Red
Mobilith SHC 007	Lith/Complex	00	460	n/a	Red
Railroad Grease					
Mobilith SHC RR 221	Lith/Complex	1	220	275	Light Tan