

COMMERCIAL

EXOL'S COMPREHENSIVE RANGE OF COMMERCIAL LUBRICANTS ARE SPECIFICALLY DESIGNED TO MEET CUSTOMERS REQUIREMENTS.

ENGINE OILS

The exol Lubricants range of transport and plant engine oils are formulated from the highest quality synthetic and mineral oils combined with the latest technology additives to provide maximum protection for diesel and petrol engines including turbo-charged working in the most arduous conditions and limits of performance.

Selection of the correct engine oils in line with the manufacturers recommendations and service requirements will give the following benefits.

- EXTENDED DRAIN PERIODS
- FUEL EFFICIENCY
- REDUCED WEAR
- PROTECTION FROM COMBUSTION CONTAMINANTS
- EASE OF COLD START COMBINED WITH RAPID CIRCULATION
- LOW EMISSIONS
- HIGH LEVEL OF ENGINE CLEANLINESS

PREMIUM HPD GRADES

TAURUS EURO 4 10W/40 (FULLY SYNTHETIC)

Taurus Euro 4 10W/40 is a fully synthetic revolutionary heavy duty diesel engine oil designed specifically for new HGV's where low SAPS technology is required to satisfy the latest Euro 4 and 5 low emission requirements. It affords fleet operators the luxury of running their new vehicles to maximum oil drain intervals.

A.C.E.A. E6-04, E4-99 (ISSUE 3), MB 228.5 & 228.51, MAN 3277 & 3477, RVI RXD, MTU TYPE 3

TAURUS UHPD 5W/30 (FULLY SYNTHETIC)

Taurus UHPD 5W/30 is an ultra high performance fully synthetic diesel engine oil designed specifically to meet the challenge of the most severe lubrication requirements of the latest European heavy duty diesel engines, particularly the low emission Euro-2 and Euro-3 engines running under the extreme demands of significantly reduced regulatory emission parameters and extended oil change periods. Taurus UHPD 5W/30 is formulated from synthetic base stocks and approved performance additives which offer excellent thermal stability, low volatility, consistently efficient long life performance and excellent fuel efficiency capabilities, offering significant saving in fuel consumption thereby reducing operating costs.

A.P.I. CH-4, MACK T-9, A.C.E.A. E4, VOLVO VDS-2, MB228.5 SCANIA DFL, MAN M3277, MTU TYPE 3, MACK EO-L

TAURUS XHPD 10W/40 (SEMI SYNTHETIC)

Taurus XHPD 10W/40 has been developed to meet the severe duty requirements of turbo charged diesel vehicles operating under extended drain conditions, as specified by the engine manufacturer. Taurus XHPD 10W/40 provides economy with excellent performance and enhances vehicle utilisation, due to reduced down time.

Taurus XHPD 10W/40 has been formulated from special synthetic base stocks and high viscosity index solvent refined mineral oils plus latest technology additives all combining to create an engine oil capable of the 100,000 kms criteria (subject to operational duty) which has now been established in European and U.S.A. trials, combined with fuel efficiency and low emission performance.

A.C.E.A. E4, A.P.I. CH4, MB 228.5 MAN M3277, MACK EO-L & T9, VOLVO VDS-2, MTU TYPE 3.

TAURUS SHPD E7 15W/40

Taurus SHPD E7 15W/40 is the very latest, new generation "Super High Performance" heavy duty diesel engine oil formulated to meet the most severe lubrication requirements demanded by Mercedes Benz, Cummins and Scania. It has been formulated to meet the critical demands of Euro 4.
A.P.I. CI-4/SL, ACEA E7/E5/E3/B4/B3/A3, MERCEDES BENZ 228.3, 229.1, CUMMINS 2007/172/76/77/78, MAN M 3275, MTU TYPE 2, MACK EO-M+ VOLVO VDS-3, RENAULT RVI RLD-2 GLOBAL DHD-1, ZF TE-MIL 07C / 04C, CATERPILLAR ECF 1

TAURUS SHPD E5 15W/40

Taurus SHPD E5 15W/40 is a new generation "Super High Performance" heavy duty diesel engine oil formulated to meet the most severe lubrication requirements of the Euro 2 and 3 engine parameters. It is recommended by Mercedes Benz and Cummins and should be the first choice for all European trucks and buses used for inter city or long haul applications. It is particularly suited for Cummins engines where piston cleanliness, oxidation and wear and emissions are finely controlled.

ACEA E5, E3, B4, B3, A2, A.P.I. CH-4/SL, MB 228.3, CUMMINS 2007/172/76/77, VOLVO VDS TYPE 3, MACK EO-M+, RENAULT RVI RLD, GLOBAL DHD-1, MTU TYPE 2, MAN M3275

TAURUS SHPD E3 15W/40

Taurus SHPD has been formulated to meet the latest, demanding European engine manufacturers specifications for turbo charged and naturally aspirated diesel engines working under the most severe conditions and requiring extended drain facilities of up to 60,000 km depending on operating conditions.

A.C.E.A. A3, B3, B4, E3, A.P.I. CH4/SL, MB 228.3, 229.1, MAN M3275, VOLVO VDS-2.

DIESEL GRADES

OPTIMA VIMAX DIESEL 10W/40 (SEMI SYNTHETIC)

Semi synthetic fuel efficient multi-grade engine oil for use in latest technology turbo-charged and naturally aspirated diesel and petrol engines requiring the latest A.C.E.A. and A.P.I. specifications. Also recommended for use in L.P.G. powered systems.

A.C.E.A. A3, B3, B4, A.P.I. CH-4/SL, MB 229.1 VW 505,

VANGUARD DIESEL 15W/40

Primarily for use in highly advanced diesel naturally aspirated and turbo-charged engines fitted to passenger cars, light commercial and heavy haulage vehicles. Vanguard Diesel is a highly shear stable engine oil of outstanding performance. May also be used for petrol engines.

A.C.E.A. A3, B3, B4, E2, A.P.I. CH4/SL, MB 228.1, 229.1 MAN 2271, VOLVO VDS, VW 505, MACK EO-L, MTU TYPE 1.

PERFORMANCE PLUS TURBO DIESEL 15W/40

Designed for use in turbo-charged and naturally aspirated diesel engines. Formulated from highly refined base oils with a balance of the latest additive technology makes Performance Plus the ideal choice for mixed fleet operators. May also be used for petrol engines.

A.P.I. CF4/SG, CCMC G3/PD2 VW 505, MIL-L-2104E, ALLISON C3.



MIXED FLEET GRADES

VANGUARD RALLY

One of a small number of lubricants which can be used in a very wide range of highly advanced petrol and diesel naturally aspirated and turbo-charged engines fitted to passenger cars, light commercial and heavy haulage vehicles making it ideal for mixed fleet operation. Available in four viscosity grades Vanguard Rally is a highly shear stable engine oil of outstanding performance.

S.A.E. VISCOSITY 10W/30 10W/40 15W/40 20W/50
A.C.E.A. A3, B3, B4, E2, A.P.I. CH-4/SJ, MB 228.1, 229.1, MAN 271.
VOLVO VDS, VW 505, MACK EO-L, MTU TYPE 1.

ENDURANCE 15W/40

Endurance 15W/40 has been designed to meet the specification requirements of the latest turbo charged and naturally aspirated diesel and petrol engines and is recommended for use in transport fleets, public service vehicles, plant equipment, light to heavy duty commercial vehicles and passenger cars.

A.P.I. CG-4/SJ, ACEA: A3, B2, B3, E2 VW 501 & 505, MB 228.1, 229.1, MACK EO-M, MAN 271, MTU Category 1, Volvo VDS

PERFORMANCE PLUS

Performance Plus is available in turbo-charged and naturally aspirated diesel engines and petrol engines requiring an A.P.I. CF-4 or SG type oil. Formulated from highly refined base oils with a balance of the latest additive technology makes Performance Plus the ideal choice for mixed fleet operations.

Performance Plus is available in the following multi-grade viscosities.

S.A.E. VISCOSITY 15W/40 15W/50 10W/40
A.P.I. SG/CF4, CCMC G3/PD2, VW 505, MIL-L-2104E, ALLISON C3.

MONOGRADE OILS

VICTORY MONOGRADE RANGE

Monograde lubricants containing detergent and anti-wear additives designed to cope with the demands of normally aspirated & turbo-charged diesel & petrol engines. Victory mono-grades also meet the requirements of hydraulic and transmission systems. Victory monograde is available in six viscosity grades.

S.A.E. VISCOSITY 10W 20W 20W/20 30W 40W 50W A.P.I. CD-SF, CCMC G2/D2, ALLISON C3, MIL-L-2104C, Caterpillar Series 3

CLASSIC MONOGRADE RANGE

The Classic monograde series is a range of monograde diesel oils for use in non-turbo charged vehicles and items of small plant where a moderate level of performance is required.

A.P.I. CC/SE MIL-L-2104B MIL-L-46152B, CCMC D1.

GEAR & TRANSMISSION OILS

ATHENA SAE 80W, 90, 140

Monograde gear oils free from extreme pressure additives for use where sensitive metals are employed in gear box design. As required in certain Volvo and ZF applications. **A.P.I. GL1.**

AUTOTRANS UNIVERSAL

Versatile multi functional automatic transmission fluid meeting

GENERAL MOTORS DEXRON II® D & GENERAL MOTORS DEXRON III®, FORD MERCON, ALLISON C4, FORD MERCON, ALLISON C4, CATERPILLAR TO-2 REQUIREMENTS, FORD M2C138-CJ, M2C166-H, MEETS THE REQUIREMENTS OF ZF TE ML 09, 11 AND 14.

AUTOTRANS DEXRON III (SEMI SYNTHETIC)

Very high quality automatic transmission fluid formulated from solvent refined base oil and specially selected high technology additives to provide the correct frictional qualities demanded by modern automatic transmissions.

GENERAL MOTORS DEXRON III®, FORD MERCON, ALLISON C4

SYNGEAR 75W/90

Syngear 75W/90 Gear Oil is manufactured from high quality synthetic base stocks, which have a high viscosity index and a combination of performance additives, which provide a gear lubricant designed for today's transport conditions. It demonstrates outstanding load carrying capacity, which is essential for Shock/Load, High/Torque and High/Speed service operation. Many commercial manufacturers are recommending the use of synthetic based fluids. Extended product life, reduced component failure and lower fuel consumption far outweigh the cost of fully synthetic products **API GL 5, MIL-L-2105D.**

ATHENA EP GEAR OILS 80W, 90, 80W/90, 85W/140

Extreme pressure monograde and multi-grade gear oils for use in a wide range of automotive transmissions operating under low to medium conditions.

A.P.I. GL4 MIL-L-2105.

ATHENA HD GEAR OILS 75W/80, 80W/90, 85W/140, 80W, 90W, 140W.

High load carrying extreme pressure multi-grade and monograde gear oils for use in final drives and gearboxes. **A.P.I. GL5, MIL-L-2105D.**

TRANSMISSION TO-4 10W AND TO-4 30 W

Specially formulated, high technology product designed to meet the demanding friction wear and elastomer compatibility requirements of Caterpillar and Terex TO-4 Transmission and Drive Train specification. Also available in an SAE 90 viscosity for high ambient temperatures and severe duty operations.

CAT TO-4, ALLISON C4, ZF TE - ML01.03, KOMATSU MICRO CLUTCH.

HYDRAULIC OILS

ULTRAMAX 22, 32, 46, 68, 100

A range of premium quality hydraulic fluids for heavy duty applications. Containing anti-oxidant, anti-foam, anti-rust and a high level of anti-wear additives.

DIN 51524 PART 2, DIN ISO 6743 PART 4, SPERRY VICKERS M-2950, SPERRY VICKERS I-286-S

ULTRAMAX MG32, MG46

High viscosity index hydraulic fluids with multi-grade characteristics. The ISO 46 viscosity is suitable for use in Poclain equipment.

DIN 51524 PART 3, DIN ISO 6743 PART 4, DIN 51517 PART 3, FZG > 12.

GREASE

LIBRA EP2

Lithium based high melting point grease, resistant to water and EP treated, this is an excellent general purpose grease. For use in plain journal and rolling element bearing applications.

LIBRA EP2 M

Lithium based grease with Molybdenum Disulphide, ideal for the needs of plant with extended usage.

LITHIUM COMPLEX

A specially developed multi-purpose lubricating grease for all anti-friction and plain bearing applications. This grease has exceptional stability performance over a wide, extended temperature range.

IVO FLOW

A premium red calcium semi-fluid grease. The perfect choice for "Autolube" chassis lubrication systems.

FIFTH WHEEL GREASE

A quality adhesive grease with extra lubricity given by added graphite. Suitable for fifth wheel lubrication.

LIBRA ODEP / LIBRA ODOEP

Semi fluid lithium based grease recommended for use in closed systems incorporating spur, worm, helical and bevel gears as fitted to power harrows and mowers.

COPPER THREAD COMPOUND

Lead free, copper based anti seize compound for use on threaded connections, linkages, and slow moving bearings exposed to environmental and chemical contamination. High resistance to salt water ingress.

ANCILLARY PRODUCTS

BRAKE FLUID

A universal brake and clutch fluid to specification DOT 4 -SAE J1703F this product can be mixed with other fluids conforming to equivalent standards

ANTIFREEZE AND SUMMER COOLANT

Universal antifreeze which meets BS6580 standard and provides year round protection to cooling systems of cast iron and alloy engines.

FLUSHING OIL

Light mineral oil used to flush engines and gear boxes prior to oil change, removes combustion residue and sludge.

RUNNING IN OIL

Specially formulated for use in running in operations on diesel and petrol engines including turbo-charged diesels under light service conditions.

DELTA DEGREASER

Delta is a self emulsifying degreaser used for cleaning component parts, engine blocks and workshop floors.

FLEETWASH

Fleetwash is based on the latest raw materials and technology from Scandinavia making the product environmentally friendly. It also includes a glass rinse agent, which aids in the removal of surface water. Its strong cleaning power works well with both hot and cold water at low and high dilutions.

FULL DETAILS ON THESE HIGHLY ADVANCED PRODUCTS AND DATA SHEETS ARE AVAILABLE FROM THE TECHNICAL SERVICES DEPARTMENT ON REQUEST.