

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

ENGINE OILS

The exol range of automotive products are formulated to give the following benefits:-

- EXCELLENT LUBRICATION OVER A WIDE TEMPERATURE RANGE
- EASE OF COLD START COMBINED WITH RAPID CIRCULATION
- REDUCED WEAR AND OIL CONSUMPTION
- HIGH LEVEL OF ENGINE CLEANLINESS
- LOWER EMISSIONS
- COMPATIBLE WITH CATALYTIC CONVERTERS
- PROTECTION FROM COMBUSTION CONTAMINANTS

PREMIUM SYNTHETIC GRADES

Optima LSV 5W/30 (FULLY SYNTHETIC)

Optima LSV 5W/30 is a fully synthetic 5W/30 low SAPS multigrade oil designed for use in Audi and VW passenger cars essentially where a VW 504.00 or VW 507.00 oil is called for. Optima LSV 5W/30 is backwards compatible with certain other VW specifications and you are encouraged to call our technical help line for advice on this issue.

ACEA A3, B4, VW 504.00 & 507.00

OPTIMA LSM 5W/30 (FULLY SYNTHETIC)

This is a fully synthetic long life low SAPS oil meeting the very latest BMW Longlife and Daimler Chrysler specifications. The new revolutionary additive system prolongs the life of today's complex emissions systems and helps reduce harmful emissions to the environment.

API SM, ACEA A3/B4-04 C3-04 A3/B4-02, BMW LONGLIFE-04, MB 229.31

OPTIMA VIMAX 0W/30 (FULLY SYNTHETIC)

Fully synthetic top tier passenger car motor oils designed to meet the exacting demands of to-days modern petrol and diesel car engines. Suitable for high performance turbo-charged, and supercharged petrol and diesel multi-valve engines found in passenger cars, and light vans.

API SL/CF, ACEA A3, A3, B4, VW 502, 503.01, 505, MB 229.1, 229.3, BMW LongLife Spec

OPTIMA VIMAX 5W/40 (FULLY SYNTHETIC)

Fully synthetic highly advanced lubricant formulated to cope with the extreme lubrication demands of high performance, high speed petrol and diesel engines. Optima Vimax 5W/40 meets the lubrication requirements of the latest European passenger cars fitted with high output lean burn engines.

A.C.E.A. A3, B3, B4, A.P.I. SL/CF, VW 505, MB 229.1 CMCC G5/PD2, MEETS THE PERFORMANCE STANDARDS OF MERCEDES BENZ, ROVER, RENAULT, FORD, FIAT, VAUXHALL, TOYOTA, NISSAN, PORSCHE, BMW ETC.

OPTIMA VIMAX 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. SL/CH4, VW 505, MB229.1, MEETS THE PERFORMANCE STANDARDS OF ROVER AND BMW

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 LPG powered systems.

OPTIMA VIMAX ZT 5W/30 (SEMI SYNTHETIC)

High technology semi-synthetic engine oil formulated from severely refined base oil combined with a high level of synthetic components to give outstanding performance under the most arduous conditions.

Optima Vimax ZT 5W/30 provides the vast majority of the advantages of a fully synthetic lubricant. This product is recommended for use in Ford Zetec engines.

A.C.E.A. A1, B1, A.P.I. SL/CF, FORD WSS M2C912-A1, FORD WSS M2C913-A, M2C913-B, ILSAC GF-2

OPTIMA VIMAX LL 5W30

Optima Vimax LL 5W30 is a high performance, fully synthetic multigrade engine oil formulated to meet the long life requirements demanded by GM and Opel. This grade sets new standards with regard to engine cleanliness, reducing harmful emissions and thus damage to the environment. Optima Vimax LL 5W30 offers high fuel economy and provides unrivalled protection for modern TB and turbo-charged engines.

API SL/CF SM/CF, ACEA A3/B4-04, A5/B5-04, VW 502.00 505.00, MB 229.3, GM LL-A-025, LL-B-025, BMW LONGLIFE - 01 LONGLIFE - 98.

PREMIUM MINERAL 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 operations. Available in four viscosity grades this range 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. SL/CH4, MERCEDES BENZ 228.1 & 229.1 MAN 271, VOLVO VDS, 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 making it ideal for mixed fleet operations. This grade is a highly shear stable engine oil of outstanding performance.

A.C.E.A. A3, B3, B4, E2, A.P.I. CH4/SL, MERCEDES BENZ 228.1 & 229.1 MAN 271, VOLVO VDS, VW 505.



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 E0-M, MAN 271, MTU Category 1, Volvo VDS

PERFORMANCE PLUS

Performance Plus is available in three viscosity grades and has been designed for use in turbo-charged and naturally aspirated diesel engines and petrol engines requiring A.P.I. specification oils. Performance Plus has been formulated from solvent refined base oils with a balance of high technology additives making this product ideal for mixed fleet operations.

**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**

PERFORMANCE TURBO DIESEL 15W/40

Performance Turbo Diesel has been designed for use in turbo-charged and naturally aspirated diesel engines and petrol engines requiring A.P.I. specification oils. Formulated from solvent refined base oils with a balance of high technology additives.

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

ECONOMY GRADES

VICTORY MIXED FLEET 15W/40

An economy mixed fleet oil suitable for older turbo charged, naturally aspirated diesel and petrol engine top-up duties.

**A.P.I. CD/SF MIL-L-2104C, MIL-L-45199B,
CCMC G2/D2 CATERPILLER SERIES 3, ALLISON C3**

CLASSIC RANGE

Multi grade and mono grade low additive level oils, suitable for older non turbo charged vehicles.

**S.A.E. VISCOSITY 10W 20W 30W 40W 50W
10W/40 15W/40 20W/50**

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

TWO STROKE OILS

TWO STROKE OIL

Two stroke engine oil formulated from top quality mineral oil and specially selected additives to ensure the thermal stability, anti-wear properties, engine cleanliness and protection against corrosion of bearings and cylinders demanded of a modern two stroke oil. Meets the following international specifications. **A.P.I. TC, TC-3**

SUPER TWO STROKE (SEMI-SYNTHETIC)

A specially formulated, synthetic based two-stroke spark ignition gasoline lubricant. Super Two Stroke has been specially formulated from the latest additive technology and synthetic components in order to meet the complex and severe demands laid down by JASO and ISO-L-EGD specifications. It is suitable in motorcycles of medium to high output but can be used in a variety of two stroke applications such as, mopeds, motor scooters, chainsaws, generators, lawn mowers, snowmobiles and cutters. **JASO FC, ISO E-GD**

OPTIMA RACING TWO STROKE OIL (SYNTHETIC)

Optima Racing two stroke oil has been designed to give maximum protection to air cooled two stroke engines working under high speed and severe loading conditions where a superior two stroke oil is required. Recommended for use in competition motorcycles and a variety of two stroke applications such as mopeds motor scooters and chainsaws. It is suitable for pre mix and oil injection systems. **A.P.I. TD, TC-W3**

TRANSMISSION OILS

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

Mono grade and multi-grade extreme pressure gear oils for use in moderate load gear boxes and final drives. **A.P.I. GL4, MIL-L-2105D.**

ATHENA HD 75W/80, 75W/90, 80W/90, 85W/140, 80W, 90

Multi-grade and mono grade high extreme pressure gearbox and final drive lubricants for use in high load, heavy duty applications.

A.P.I. GL5, MIL-L-2105D

ATHENA LS90

Specially formulated lubricant for use in LIMITED SLIP DIFFERENTIALS fitted to high performance cars and four wheel drive vehicles.

A.P.I. GL5

SYNGEAR 75W/90 SS (SEMI SYNTHETIC)

A high performance multi-grade hypoid gear lubricant whose semi synthetic base combats difficult gear selection when cold and provides excellent film strength at elevated temperatures. Formulated to meet the demands of modern manually operated five speed boxes. **A.P.I. GL5, MIL-L-2105D**

AUTOTRANS TYPE G

Automatic transmission fluid meeting

FORD M2C 33G SPECIFICATION

AUTOTRANS UNIVERSAL

Versatile multi functional automatic transmission fluid meeting

GENERAL MOTORS DEXRON III® 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 2F 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**

GREASE

LIBRA EP2

General purpose lithium based high melting point grease, resistant to water and fortified with extreme pressure additives.

LIBRA EP2M

Lithium based grease containing Molybdenum Disulphide, ideal for use on equipment working under harsh conditions, suitable for use in constant velocity joints.

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, elevated temperature range.

ANCILLARY RANGE

LHM FLUID

Specially formulated from solvent refined base oil, polyalkyl methacrylate and anti oxidants for use in central hydraulic and braking systems for vehicles requiring a mineral oil based product, e.g. Citroen.

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 degreasant 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 gloss 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.

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.

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 COOLANTS

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

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