



Mobil Delvac 1 LE 5W-30

Supreme Performance Heavy Duty Diesel Engine Oil

Product Description

Mobil Delvac 1 LE 5W-30 is a fully synthetic high performance heavy duty diesel engine oil that, when compared to conventional 15W-40 engine oils, helps towards long engine and emission system life while providing long drain capability and fuel economy potential¹ for modern diesel engines, including those fitted with Diesel Particulate Filters (DPF). Mobil Delvac 1 LE 5W-30 utilises state-of-the-art technology to deliver exceptional performance in modern low emission engines. Mobil Delvac 1 LE 5W-30 is recommended for use in a range of heavy-duty applications and operating environments found in the on-road transport and off-road mining, construction, and agricultural industries.

The performance of Mobil Delvac 1 LE 5W-30 is the result of development work with major equipment builders and application of the latest lubrication technology. This product simultaneously meets MB-Approval 228.51 and MB-Approval 228.5 requirements in a 5W-30 viscosity grade.

¹ Fuel economy potential is dependent on vehicle/equipment type, outside temperature, driving conditions and your current fluid viscosity.

Features and Benefits

High output, low emission engines significantly increase demands on engine lubricants. Tighter engine design reduces oil consumption, resulting in less fresh oil makeup to replenish depleted additives. Thermal stresses on the lubricant are increased with the use of inter-coolers and turbochargers. Higher fuel injection and cylinder pressures and retarded timing improve burn efficiency, but also increase engine temperatures, volatility, and soot loading of the oil. The advanced technology in Mobil Delvac 1 LE 5W-30 delivers exceptional performance in these severe conditions and provides protection of exhaust systems fitted with DPF. Other key benefits of this product, particularly when compared to conventional 15W-40 engine oils, include:

Features	Advantages and Potential Benefits
Outstanding protection against oil thickening, high temperature deposits, sludge build-up, oil degradation	Extended oil life and engine protection
Excellent anti-wear, anti-scuff and bore polish control	Reduced wear and long engine life
Stay-in-grade shear stability; very low volatility at high temperatures	Reduces viscosity breakdown and oil consumption under heavy duty, high

Features	Advantages and Potential Benefits
	temperature operating conditions
Low ash level	Enhanced protection of exhaust systems fitted with DPF
Excellent low temperature properties and low viscosity	Improved pumpability and oil circulation Wear protection during start-up Fuel economy potential

Applications

- Modern heavy-duty engines equipped with DPF (Diesel Particulate Filter)
- Naturally aspirated and turbo-charged diesel powered equipment (please refer to the owners handbook for the OEM application requirements for your vehicle or equipment)
- On-highway light and heavy-duty trucks and buses
- Off-highway mining, construction and agricultural equipment

Specifications and Approvals

Mobil Delvac 1 LE 5W-30 meets or exceeds the requirements of:	5W-30
ACEA E7	X
ACEA E6	X
ACEA E4	X
Renault Truck RXD	X
Renault Truck RLD	X
Renault Truck RLD-2	X
DAF Extended Drain	X

Mobil Delvac 1 LE 5W-30 has the following builder approvals:	5W-30
MB-Approval 228.51	X
MB-Approval 228.5	X
MB-Approval 235.28	X
MAN M 3477	X
VOLVO VDS-3	X
MTU Oil Category 3.1	X
DEUTZ DQC III-10 LA	X

Typical Properties

Mobil Delvac 1 LE 5W-30	
SAE Grade	5W-30
Viscosity, ASTM D 445	
cSt @ 40°C	74.4
cSt @ 100°C	12.2
Viscosity Index, ASTM D 2270	161
Sulfated Ash, wt%, ASTM D 874	1.0
Total Base #, mg KOH/g, ASTM D 2896	12.6
Pour Point, °C, ASTM D 97	-45
Flash Point, °C, ASTM D 92	234
Density @ 15°C, kg/l, ASTM D 4052	0.855

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

For Switzerland Use: Toxicity class: free BAG T No.: 102759

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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