



## Mobil Delvac 1™ LE 5W-30

Mobil Commercial Vehicle Lube , Japan

Fully Synthetic Heavy-Duty Diesel Engine Oil

### Product Description

Mobil Delvac 1™ LE 5W-30 is a fully synthetic, heavy-duty diesel engine oil that combines advanced engine protection for modern low emissions vehicles with enhanced fuel economy potential<sup>1</sup> and other sustainability-related benefits such as engine durability, emissions system protection and extended drain capability.

Mobil Delvac 1 LE 5W-30 utilizes state-of-the-art technology to deliver exceptional performance and is well suited for an extensive array of diesel-powered commercial vehicles for both on- and off-highway use in industries such as transportation, mining, construction and agriculture. Mobil Delvac 1 LE 5W-30 meets or exceeds an extremely broad range of industry and manufacturer specifications from around the world.

<sup>1</sup> Relative to 15W-40 engine oil - Actual fuel economy improvement is dependent on vehicle/equipment type, outside temperature, driving conditions and your current fluid viscosity.

### Features and Benefits

High output, low emissions 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 while protecting emissions systems.

Features	Advantages and Potential Benefits
Advanced Wear Protection	Engine Durability
Enhanced Fuel Economy Potential	Reduced Fuel Consumption
Extended Drain Interval Capability	Fewer Oil Changes and Less Oil Disposal
Emissions System Protection	Emissions System Durability and Performance
Excellent Low Temperature Performance	Easier Starting in Cold Weather

### Applications

- Heavy Duty Diesel Engines including Euro V/VI and US EPA 2007/2010 Modern Low Emissions Vehicles, Utilizing Technologies such as Diesel Particulate Filter (DPF), Selective Catalytic Reduction (SCR), Continuously Regenerating Traps (CRT), Diesel Oxidation Catalysts (DOC) and Exhaust Gas Recirculation (EGR)
- Heavy Duty Diesel Engines using low sulfur diesel fuels and many biodiesel fuel formulations
- Naturally Aspirated and Turbo-Charged Diesel Powered Equipment
- On-Highway Short-Haul and Long-Haul Trucks and Buses
- Off-Highway Mining, Construction and Agricultural Equipment

Please refer to the owners handbook for OEM application requirements and oil drain intervals for your vehicle or equipment

## Specifications and Approvals

<b>This product has the following approvals:</b>
AVTODISEL (YaMZ) YaMZ-6-12
Detroit Fluids Specification 93K218
DEUTZ DQC IV-10 LA
Mack EO-O Premium Plus
MAN M 3271-1
MAN M 3477
MAN M 3677
MB-Approval 228.31
MB-Approval 228.51
MTU Oil Category 3.1
RENAULT TRUCKS RLD-2
RENAULT TRUCKS RLD-3
VOLVO VDS-3
VOLVO VDS-4
Scania LDF-4

<b>This product meets or exceeds the requirements of:</b>
API CI-4
API CI-4 PLUS
API CJ-4
API SN
CATERPILLAR ECF-3
Cummins CES 20081
DAF Extended Drain
Ford WSS-M2C171-E
Scania Low Ash
ACEA E6
ACEA E7

**This product meets or exceeds the requirements of:**

ACEA E9

### Properties and Specifications

Property	
Grade	SAE 5W-30
Ash, Sulfated, mass%, ASTM D874	1
Density @ 15 C, g/cm <sup>3</sup> , ASTM D4052	0.855
Flash Point, °C, ASTM D92	234
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	11.8
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	69
Pour Point, °C, ASTM D97	-51
Total Base Number, mgKOH/g, ASTM D2896	10
Viscosity Index, ASTM D2270	168

### Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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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](http://www.exxonmobil.com)

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