



Mobil Delvac 1™ LE 5W-30

Mobil Commercial Vehicle Lube , Sweden
High Performance 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 potential¹ 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 dieselpowered 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. Mobil Delvac 1 LE 5W-30 is biodiesel compatible.²

¹ 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.
² Follow OEM recommendations on potential service adjustments

Features and Benefits

- Formulated with advanced synthetic base stocks to help improve fuel economy*
- Unsurpassed oxidation stability† that helps reduce engine deposits to keep engines running reliably
- Excellent anti-wear and anti-scurf properties help control wear in heavy-duty operation to help promote long engine life
- Excellent low-temperature performance allows for increased oil flow to critical bearing surfaces at startup and controls low-temperature sludge formation for stop-and-go service
- Stay-in-grade shear stability maintains viscosity in severe, high-temperature service, provides wear protection and helps reduce oil consumption
- Outstanding protection against oil thickening and degradation contributes to long drain interval capability, helping to reduce the number of oil changes and oil disposal needs

*Relative to mineral base oil formulated engine oils. Actual fuel economy improvement is dependent on vehicle/equipment type, outside temperature, driving conditions and your current fluid viscosity.
†Based on measured viscosity increase in the Volvo T-13 test

| 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

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| This product has the following approvals: |
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| Detroit Fluids Specification 93K222 |
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| MACK EOS-4.5 |
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| RENAULT TRUCKS RLD-3 |
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| VOLVO VDS-4.5 |
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| MB 228.31 |
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| MB 228.51 |
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| Deutz DQC IV-18 LA |
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| MAN M 3677 |
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| MTU Oil Category 3.1 |
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| This product is recommended for use in applications requiring: |
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| IVECO 18-1804 TLS E6 |
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| This product meets or exceeds the requirements of: |
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| API CI-4 |
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| APICI-4 PLUS |
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| APICJ-4 |
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| API CK-4 |
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| JASO DH-2 |
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| ACEA E4 |
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| ACEA E6 |
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| ACEA E7 |
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| ACEA E9 |
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| Caterpillar ECF-3 |
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| DAF Extended Drain |
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| Ford WSS-M2C171-E |
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| Scania LDF-4 |
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| This product meets or exceeds the requirements of: |
| CUMMINS CES 20086 |

Properties and Specifications

| Property | |
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| Grade | SAE 5W-30 |
| Viscosity Index, ASTM D2270 | 163 |
| Total Base Number, mgKOH/g, ASTM D2896 | 13 |
| Ash, Sulfated, mass%, ASTM D874 | 0.9 |
| Pour Point, °C, ASTM D97 | -51 |
| Kinematic Viscosity @ 40 C, mm2/s, ASTM D445 | 72.8 |
| Kinematic Viscosity @ 100 C, mm2/s, ASTM D445 | 12.1 |
| Cold-Cranking Simulator, Apparent Viscosity @ -30 C, mPa.s, ASTM D5293 | 6350 |
| Density @ 15.6 C, g/ml, ASTM D4052 | 0.85 |
| Flash Point, Cleveland Open Cup, °C, ASTM D92 | 238 |

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.as>

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