



Mobil Delvac Elite
Mobil Commercial Vehicle Lube, United States

Super Premium Diesel Engine Oil

Product Description

Mobil Delvac Elite 10W-30 and 15W-40 are synthetic blend heavy duty diesel engine oils for long drain capability that meet the CJ-4 specification, providing the highest level of protection in severe on and off highway to modern, high performance diesel engines with Exhaust Gas Recirculation (EGR) and Aftertreatment Systems with Diesel Particulate Filters (DPFs) and Diesel Oxidation Catalysts (DOCs). Mobil Delvac Elite 10W-30 and 15W-40 exhibit outstanding low temperature fluidity, high temperature viscosity retention, and piston deposit control. Mobil Delvac Elite 10W-30 and 15W-40 are highly recommended by various engine builders for use in all high performance diesel engines.

Features and Benefits

Today's low emission engines place increasing demands on engine lubricants. Also engine designs change in response to tougher emissions restrictions imposed by the EPA, the performance demand on engine lubricants likewise increases in order to compensate for the harsher environments that new engine designs bring with them. New engines (model-year 2007 and beyond) will come equipped with aftertreatment devices installed in the engine exhaust stream which will require the use of both API CJ-4 oils and ultra-low sulfur fuels to function properly. Additionally, new engines using EGR will generate even higher levels of acid, soot and heat than older EGR engines due to substantially increased EGR rates compared to previous EGR designs.

The quality and reliability built into Mobil Delvac Elite 10W-30 and 15W-40, as CJ-4 oils, deliver the highest level of protection in both new diesel engines, as well as older models. The key benefits include:

- Oxidation performance superior to most conventional oils
- Excellent anti-wear and anti-scuff properties
- Extended drains beyond conventional oils
- Excellent low temperature performance allows for increased oil flow to critical bearing surfaces at start-up and controls low-temperature sludge formation in stop-and-go service
- Stay-in-grade shear stability protects engine parts at high operating temperatures and reduces oil consumption
- Provide long drain capability compared with conventional mineral oils

Applications

Recommended by ExxonMobil for use in:

- Naturally aspirated and turbo-charged diesel powered engines
- On-highway light and heavy duty trucking including, mixed fleets
- Off-highway industries including: mining, construction, quarrying, and agriculture

Specifications and Approvals

Mobil Delvac Elite has the following builder approvals:	10W-30	15W-40
Mack EO-O Premium Plus	X	X
Volvo VDS-4, VDS-3	X	X
Detroit Fluids Specification 93K218	X	X
MB-Approval 228.31	X	X

Mobil Delvac Elite meets or exceeds the following industry and/or builder specifications:	10W-30	15W-40
API CJ-4/CI-4 PLUS/CI-4/CH-4	X	X
API SM		X
Caterpillar ECF-3	X	X
Cummins CES 20081	X	X
ACEA E7	X	X
ACEA E9	X	

Typical Properties

SAE Grade	10W-30	15W-40
Viscosity, ASTM D 445		
cSt @ 40°C	81	111
cSt @ 100°C	12.2	15.2
Viscosity Index, ASTM D 2270	146	140
Sulfated Ash, wt%, ASTM D 874	1	0.9

Total Base Number, mg KOH/g, ASTM D 2896	10.7	10.7
Pour Point, °C, ASTM D 97	-36	-36
Flash Point, °C, ASTM D 92	230	241
Density @15 °C kg/l, ASTM D 4052	0.839	0.872

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.

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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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