

# Mobil Delvac Elite 15W-40

## Super Premium Diesel Engine Oil

### Product Description

Mobil Delvac Elite 15W-40, as a synthetic blend heavy duty diesel engine oil that meets the CJ-4 specification, provides the highest level of protection in severe on and off highway applications 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 15W-40 exhibits outstanding low temperature fluidity, high temperature viscosity retention, and piston deposit control. Mobil Delvac Elite 15W-40 is 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 15W-40, as a CJ-4 oil, delivers 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 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

### Applications

- 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

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**Mobil Delvac Elite Meets or Exceeds the following 15W-40 industry and builder specifications:**

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API CJ-4/CI-4 PLUS/CI-4/CH-4/CG-4/CF/SM/SL      X

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Caterpillar ECF-3	X
ACEA E7	X

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**Mobil Delvac Elite 15W-40 has the following builder approvals:**

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Cummins CES 20081	X
Detroit Diesel Power Guard Oil Specification 93K218, 93K214	X
Mack EO-O Premium Plus, EO-N Premium Plus 03	X
Volvo VDS-4, VDS-3	X
Mercedes Benz 228.3	X

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## Typical Properties

<b>Mobil Delvac Elite</b>	
SAE Grade	15W-40
Viscosity, ASTM D 445	
cSt @ 40°C	111
cSt @ 100°C	15.2
Viscosity Index, ASTM D 2270	140
Sulfated Ash, wt%, ASTM D 874	0.9
Total Base Number, mg KOH/g, ASTM D 2896	10.7
Pour Point, °C, ASTM D 97	-36
Flash Point, °C, ASTM D 92	241
Density @15 °C kg/l, ASMT D 4052	0.872

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## 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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