



Mobil Delvac MX™ 15W-40

Mobil Commercial Vehicle Lube , Jordan

High Performance Diesel Engine Oil

Product Description

Mobil Delvac™ MX 15W-40 is an extra high performance diesel engine oil that provides excellent lubrication of today's diesel engines promoting long engine life. As a result, this product meets or exceeds the requirements of virtually all major European and American engine manufacturers. This extra high performance has been proven in the field in a wide variety of industries, applications and mixed fleets.

The advanced chemistry of this product provides outstanding performance in both modern, demanding low-emission diesel engines and older diesel engines operating on low or high sulphur fuel. Mobil Delvac MX 15W-40 combines a blend of high performance base stocks with a balanced additive system to provide excellent control of oil thickening due to soot build-up and high temperatures as well as outstanding resistance to oxidation, corrosion and high temperature deposits.

Features and Benefits

High output, low emission engines significantly increase demands on engine lubricants. Tighter engine design, use of inter-coolers and turbochargers increase thermal stresses on the lubricant. Low emission engine technologies such as higher fuel injection pressure and retarded timing require improved oil performance in areas such as oxidation stability, soot dispersancy and volatility. Mobil Delvac MX 15W-40 is formulated from high performance base oils and a balanced additive system to contribute to optimum engine performance in modern diesel and gasoline engines as well as older models. The key potential benefits include:

| Features | Advantages and Potential Benefits |
|--|--|
| High thermal and oxidation stability | Reduced sludge build-up, deposits and viscosity increase |
| TBN reserves | Deposit control and acid neutralisation |
| Stay-in-grade shear stability | Wear protection and viscosity control |
| Advanced detergency/dispersancy | Cleaner engines and longer component life |
| Improved soot handling | Improved viscosity control and used oil pumpability |
| Excellent low temperature properties | Start-up wear protection |
| Component compatibility | Longer gasket and seal life |
| Meets demanding specifications of key OEMs | One engine oil for mixed fleet operations |

Applications

Recommended by ExxonMobil for use in:

- Naturally aspirated and turbo-charged diesel powered equipment from leading Japanese, European and American manufacturers
- On-highway light and heavy-duty trucking
- Off-highway industries including: construction, mining, quarrying and agriculture
- Mixed fleet applications

Specifications and Approvals

| This product has the following approvals: |
|--|
| Detroit Fluids Specification 93K215 |
| Mack EO-M Plus |
| Mack EO-N |
| MB-Approval 228.3 |
| RENAULT TRUCKS RLD-2 |
| VOLVO VDS-3 |
| MTU Oil Category 2 |

| This product is recommended for use in applications requiring: |
|---|
| ACEA B2 |
| ACEA E3 |
| API CF |
| API CF-4 |
| API CG-4 |
| Cummins CES 20071 |
| Cummins CES 20072 |
| Mack EO-M |
| MAN M 3275-1 |
| RENAULT TRUCKS RD |
| RENAULT TRUCKS RD-2 |
| RENAULT TRUCKS RLD |
| VOLVO VDS-2 |

| This product meets or exceeds the requirements of: |
|---|
| API CH-4 |
| API CI-4 |
| API SJ |
| API SL |

| This product meets or exceeds the requirements of: |
|---|
| JASO DH-1 |
| ACEA E7 |
| Cummins CES 20076 |
| Cummins CES 20077 |
| Cummins CES 20078 |
| Ford WSS-M2C171-D |

Properties and Specifications

| Property | |
|---|------------|
| Grade | SAE 15W-40 |
| Viscosity Index, ASTM D2270 | 130 |
| Total Base Number, mgKOH/g, ASTM D2896 | 11 |
| Noack Volatility, mass%, ASTM D5800 | 8 |
| Foam, Sequence II, Stability, ml, ASTM D892 | 0 |
| Foam, Sequence II, Tendency, ml, ASTM D892 | 10 |
| Pour Point, °C, ASTM D97 | -33 |



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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