Mobil

Mobil Delvac MX™ 15W-40

Mobil Commercial Vehicle Lube , Iceland

Extra 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	
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-N

This product has the following approvals:
Mack EO-M Plus
RENAULT TRUCKS RLD-2
VOLVO VDS-3

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
API SH

This product meets or exceeds the requirements of:
API CH-4
API CI-4
API SJ
API SL
Cummins CES 20076
Cummins CES 20077
Ford WSS-M2C171-D
ACEA E7

Properties and Specifications

Property	
Grade	SAE 15W-40
Ash, Sulfated, mass%, ASTM D874	1.1
Flash Point, Cleveland Open Cup, °C, ASTM D92	225
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	14.6
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	110
Pour Point, °C, ASTM D97	-36
Total Base Number, mgKOH/g, ASTM D2896	9.2
Viscosity Index, ASTM D2270	136
Cold-Cranking Simulator, Apparent Viscosity @ -20 C, mPa.s, ASTM D5293	5800
Density @ 15 C, kg/l, ASTM D4052	0.869

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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