



Mobil Delvac Modern™ 10W-40 Extended Protection

Mobil Commercial Vehicle Lube , Chile

Full Synthetic Diesel Engine Oil

Product Description

Mobil Delvac Modern™ 10W-40 Extended Protection is a synthetic extra high performance diesel engine oil engineered to provide outstanding lubrication to modern, high performance diesel engines used in severe on and off-highway applications. This diesel engine oil is designed using high performance base oils which provide excellent low temperature fluidity, high temperature viscosity retention, volatility control, and fuel economy improvement. These base oils are enhanced with an advanced additive system, which provides a high level of protection to all parts of the engine.

Mobil Delvac Modern™ 10W-40 Extended Protection is engineered to provide long oil drain intervals in modern diesel engines.

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, retarded timing and after treatment devices all require improved oil performance in areas such as oxidation stability, soot dispersancy, volatility and compatibility with after treatment devices.

The advanced technology in Mobil Delvac Modern™ 10W-40 Extended Protection Plus delivers exceptional performance, long drain interval capability and protection of exhaust systems including those fitted with Diesel Particulate Filters (DPF).

Features	Advantages and Potential Benefits
Outstanding protection against oil thickening, high temperature deposits, sludge build-up, oil degradation and corrosion.	Reduced wear and long engine life.Outstanding control of high temperature deposits
Outstanding control of high temperature deposits	Excellent protection against ring sticking
Extended TBN reserve	Long-term deposit/wear control.Extended oil drain potential.
Excellent low temperature properties	Improved pumpability and oil circulation.Start-up wear protection.
Stay-in-grade shear stability.Low volatility.	Helps to reduces viscosity breakdown and oil consumption under heavy duty, high temperature operating conditions.
Excellent Viscosity Index	Wide range of engine and temperature applications

Applications

Recommended by ExxonMobil for use in:

- Naturally aspirated and turbo-charged diesel powered engines built by European and Japanese manufacturers.
- On-highway light and heavy-duty trucking.
- Off-highway industries including: construction, mining, quarrying, and agriculture.

Specifications and Approvals

This product has the following approvals:

Mack EO-M Plus

Mack EO-N

RENAULT TRUCKS RLD-2

VOLVO VDS-3

MAN M 3277

VOITH RETARDER Oil Class A

This product is recommended for use in applications requiring:

API CF

Cummins CES 20072

RENAULT TRUCKS RLD

This product meets or exceeds the requirements of:

ACEA E4

ACEA E7

RENAULT TRUCKS RXD

Properties and Specifications

Property	
Grade	SAE 10W-40
Ash, Sulfated, mass%, ASTM D874	1.9
Viscosity Index, ASTM D2270	151
Flash Point, Cleveland Open Cup, °C, ASTM D92	226
Total Base Number, mgKOH/g, ASTM D2896	15.9
Density @ 15 C, g/ml, ASTM D4052	0.87
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	13.2
Pour Point, °C, ASTM D97	-42

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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