



Mobil Delvac Modern™ 10W-40 Full Protection V3

Mobil Commercial Vehicle Lube , Taiwan

Synthetic Technology

Product Description

Mobil Delvac Modern™ 10W-40 Full Protection V3 is an synthetic technology extra high performance diesel engine oil that helps extend engine life on and off-highway applications while delivering outstanding performance in modern, high-output, low-emission engines including those with Diesel Particulate Filters (DPFs), Selective Catalytic Reduction (SCR), Continuously Regenerating Traps (CRT), Diesel Oxidation Catalysts (DOC) and Exhaust Gas Recirculation (EGR). Fully backwards compatible. Mobil Delvac Modern™ 10W-40 Full Protection V3 will also deliver the same outstanding performance in conventional engines.

Features and Benefits

Mobil Delvac Modern™ 10W-40 Full Protection V3 is formulated with optimized base oil and additive technology to provide a strong foundation for oxidation resistance, soot handling and wear control supplemented with reduced sludge formation to help long engine life and extend drain intervals.

The key benefits include:

Features	Advantages and Potential Benefits
Enhanced soot-viscosity control	Help to maintain engine efficiency, long engine life and long oil life
Outstanding thermal and oxidative stability	Reduced low temperature sludge build-up and high temperature deposits
TBN reserves	Helps to improve corrosion protection and to extend drain intervals
Stay-in-grade shear stability	Helps to maintain viscosity in severe, high temperature service for greater wear protection and long engine life
Outstanding resistance to corrosive and abrasive wear	Long life of critical wear surfaces
Component compatibility	Long gasket, seal and after treatment device (DPF) life

Applications

Recommended by ExxonMobil for use in:

- Heavy duty diesel engines including China V/VI and Euro V/VI modern low emissions vehicles\*
- On-highway light and heavy-duty trucking
- Off-highway industries including construction, mining, quarrying, and agriculture.

\* For detailed lubes requirement and application, please refer to the vehicle service manual

Specifications and Approvals

This product has the following approvals:
VOLVO VDS-4.5
VOLVO VDS-4
VOLVO VDS-3

**This product has the following approvals:**

RENAULT TRUCKS RLD-3

MACK EOS-4.5

Mack EO-O Premium Plus

Mack EO-N Premium Plus 03

**This product is recommended for use in applications requiring:**

VOLVO VDS-2

**This product meets or exceeds the requirements of:**

API CK-4

Caterpillar ECF-3

**Properties and Specifications**

Property	
Grade	SAE 10W-40
Ash, Sulfated, mass%, ASTM D874	0.9
Density @ 15 C, g/ml, ASTM D1298	0.869
Flash Point, Cleveland Open Cup, °C, ASTM D92	232
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	14.4
Viscosity Index, ASTM D2270	152
Total Base Number, mgKOH/g, ASTM D2896	10
Pour Point, °C, ASTM D97	-36
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	97.7

**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.as>  
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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](http://www.exxonmobil.com)

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