



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 handing 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:

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VOLVO VDS-4.5

VOLVO VDS-4

VOLVO VDS-3

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 ² /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 ² /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.aspx>

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ExxonMobil international Holding Inc. Taiwan Branch
6F, No 2, Section 1, Tun Hua South Road
Taipei Taiwan

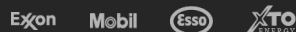
+886 2 2734 6888

<http://www.exxonmobil.com>

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

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