



## Mobil Delvac Modern™ 15W-40 Complete Protection

Mobil Commercial Vehicle Lube , South Korea

Synthetic Technology

### Product Description

Mobil Delvac Modern™ 15W-40 Complete Protection 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™ 15W-40 Complete Protection will also deliver the same outstanding performance in conventional engines. It meets or exceeds the requirements of API service classifications CK-4, CJ-4, CI-4 PLUS and CI-4.

### Features and Benefits

Mobil Delvac Modern™ 15W-40 Complete Protection 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 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

MACK EOS-4.5

RENAULT TRUCKS RLD-3

MTU Oil Category 2.1

Detroit Detroit Fluids Specification 93K222

Detroit Fluids Specification 93K218

Mack EO-O Premium Plus

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

API CK-4

API CJ-4

API CI-4 PLUS

API CI-4

Caterpillar ECF-3

Cummins CES 20086

**Properties and Specifications**

Property	
Grade	SAE 15W-40
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	14.2
Total Base Number, mgKOH/g, ASTM D2896	10
Viscosity Index, ASTM D2270	128
Pour Point, °C, ASTM D5950	-27
Flash Point, Cleveland Open Cup, °C, ASTM D92	225
Ash, Sulfated, mass%, ASTM D874	1
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	112
Specific Gravity, 15.6 C/15.6 C, ASTM D4052	0.875

**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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03-2022

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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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