



Mobil Delvac Modern™ 15W-40 Full Protection V5

Mobil Commercial Vehicle Lube , 中国

Synthetic Technology

Product Description

Mobil Delvac Modern™ 15W-40 Full Protection V5 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 Full Protection V5 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 Full Protection V5 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:

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Detroit Detroit Fluids Specification 93K222

Detroit Fluids Specification 93K218

MB-Approval 228.31

VOLVO VDS-4

VOLVO VDS-4.5

Mack EO-O Premium Plus

RENAULT VI RLD-3

VOLVO VDS-3

MACK EOS-4.5

Mack EO-N Premium Plus 03

This product is recommended for use in applications requiring:

MAN M 3575

MAN M 3275-1

This product meets or exceeds the requirements of:

API CH-4

API CI-4

API CI-4 PLUS

API CJ-4

API CK-4

API SL

API SM

ACEA E7

API SN

JASO DH-2

ACEA E9

Caterpillar ECF-3

Cummins CES 20081

This product meets or exceeds the requirements of:

Cummins CES 20086

Properties and Specifications

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

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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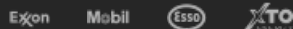
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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. 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

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