



Mobil Delvac Modern™ 10W-30 Complete Protection

Mobil Commercial Vehicle Lube , Brazil

Mobil commercial-vehicle-lube

Product Description

Mobil Delvac Modern™ 10W-30 Complete Protection is an extra high performance diesel engine oil that helps extend engine life in severe on and off-highway applications while delivering excellent performance in modern, high-output, low-emission engines including those with Exhaust Gas Recirculation (EGR) and Aftertreatment Systems with Diesel Particulate Filters (DPFs) and Diesel Oxidation Catalysts (DOCs). Mobil Delvac Modern™ 10W-30 Complete Protection is recommended by ExxonMobil for use in a wide range of heavy duty applications and operating environments found in the trucking, mining, construction, quarrying, and agricultural industries. It meets or exceeds the requirements of the API CK-4, CJ-4, CI-4 PLUS, CI-4 and CH-4 service categories.

Features and Benefits

Mobil Delvac Modern™ 10W-30 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 excellent piston deposit protection and reduced sludge formation to help long engine life.

Features	Advantages and Potential Benefits
Enhanced soot-viscosity control	Engine efficiency, long engine life and long oil life
Outstanding thermal and oxidative stability	Reduced low temperature sludge build-up and high temperature deposits
Good oil consumption control	Lower oil costs due to less make-up oil during operation
TBN reserves	Improved corrosion protection and long drain intervals
Stay-in-grade shear stability	Maintains viscosity in severe, high temperature service for greater wear protection and long engine life
Enhanced low temperature pumpability	Faster oil flow and reduced wear during engine start-up in low temperatures
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:

- On-highway heavy-duty trucking and off-highway including: construction, mining, quarrying, and agriculture.
- On-highway applications operating in both high speed/high load and short haul pick-up/delivery.

Specifications and Approvals

This product has the following approvals:

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Detroit Detroit Fluids Specification 93K222

Detroit Fluids Specification 93K218

Ford WSS-M2C171-F1

Mack EO-O Premium Plus

MACK EOS-4.5

VOLVO VDS-4

VOLVO VDS-4.5

This product meets or exceeds the requirements of:

API CH-4

API CI-4

API CI-4 PLUS

API CJ-4

API CK-4

Caterpillar ECF-3

ACEA E9

Properties and Specifications

Property	
Grade	SAE 10W-30
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	11.9
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10 ⁽⁶⁾ sec ⁽⁻¹⁾ , mPa.s, ASTM D4683	3.5
Viscosity Index, ASTM D2270	140
Cold-Cranking Simulator, Apparent Viscosity @ -25 C, mPa.s, ASTM D5293	6370
Pour Point, °C, ASTM D97	-33

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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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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