Mobil Delvac Modern™ 10W-30 Super Defense V2

Mobil Commercial Vehicle Lube , Myanmar

Synthetic Technology

Product Description

Mobil Delvac Modern™ 10W-30 Super Defense V2 is an extra high performance diesel engine oil that provides excellent lubrication of today's diesel engines promoting extended engine life. It 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.

This synthetic technology product provides outstanding performance in both modern, demanding low-emission diesel engines and older diesel engines operating on low or high sulphur fuel. Mobil Delvac Modern™ 10W-30 Super Defense V2 is formulated using high performance base stocks with a progressive additive system to provide superior control of oil thickening due to soot build-up and high temperatures as well as outstanding resistance to oxidation, corrosion, and high temperature deposits.

Features and Benefits

High output, low emission diesel engines significantly increase the demands on engine lubricants. Tighter engine designs reduce oil consumption, resulting in less fresh oil make-up to replenish depleted additives. Top piston fire rings are located higher on the piston bringing the oil film closer to the combustion chamber where higher temperatures increase thermal stress on the lubricant. Increased fuel injector pressure and retarded timing improve fuel burn efficiency, but also increase engine temperatures and increase soot loads. Mobil Delvac Modern™ 10W-30 Super Defense V2 is formulated using high performance base oils and a superior balanced additive system to provide optimum engine performance in modern diesel and gasoline engines as well as older models. The key benefits include:

Features	Advantages and Potential Benefits
High thermal and oxidation stability	Reduced sludge build-up, deposits and viscosity increase
TBN reserves	Deposit control and acid neutralisation
Stay-in-grade shear stability	Wear protection and viscosity control
Advanced detergency/dispersancy	Cleaner engines and longer component life
Improved soot handling	Improved viscosity control and used oil pumpability
Excellent low temperature properties	Start-up wear protection
Component compatibility	Longer gasket and seal life

Applications

Recommended by ExxonMobil for use in:

• Naturally aspirated and turbo-charged diesel powered equipment.

• On-highway light and heavy-duty trucking.

• Off-highway industries including: construction, mining, quarrying, and agriculture.

• Mixed fleet applications.

Please refer to the owners handbook for OEM application requirements and oil drain intervals for your vehicle or equipment.

Specifications and Approvals

This product is recommended for use in applications requiring:
API CF-4
API CG-4

This product meets or exceeds the requirements of:
API CH-4
API CI-4
API SL

Properties and Specifications

Property	
Grade	SAE 10W-30
Density @ 15 C, kg/l, ASTM D4052	0.867
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	11.74
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	79.5
Viscosity Index, ASTM D2270	141
Total Base Number, mgKOH/g, ASTM D2896	9
Flash Point, Cleveland Open Cup, °C, ASTM D92	225
Pour Point, °C, ASTM D97	-36

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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