Mobil Delvac™ Super 1400 10W-30

Mobil Commercial Vehicle Lube , Belgium

Extra High Performance Diesel Engine Oil

Product Description

Mobil Delvac™ Super 1400 10W-30 is a high performance diesel engine oil specifically engineered to provide excellent lubrication of diesel engines operating in severe applications. This multigrade diesel engine oil is engineered using base oils which provide excellent low temperature fluidity, higher temperature viscosity retention, and volatility control. These base oils are enhanced with an advanced additive system, which provides a high level of protection to all parts of the engine. The optimised viscometrics also provide the opportunity for improved fuel economy. Mobil Delvac Super 1400 10W-30 is recommended by ExxonMobil for use in most diesel applications including mixed fleets.

Features and Benefits

Lower emission engines place increasing demands on engine lubricants. Tighter engine designs reduce oil consumption, resulting in less fresh oil makeup to replenish depleted additives. Higher piston top rings that bring the oil film closer to higher temperature combustion chambers increase thermal stress on the lubricant. Higher fuel injection pressure and retarded timing improve burn efficiency, but also increase engine temperatures and soot loading of the oil. The technology in Mobil Delvac Super 1400 10W-30 delivers strong performance in both modern diesel engines as well as older models. The key benefits include:

Features	Advantages and Potential Benefits
Good protection against oil thickening, high temperature deposits, sludge build-up, oil degradation and corrosion	Control of high temperature deposits Reduced wear and longer engine life Protection against ring sticking
Excellent low temperature properties	Ready oil "pumpability" /circulation Start-up wear protection
Stay-in-grade shear stability	Viscosity maintenance and reduced oil consumption under heavy-duty, high temperature operating conditions

Applications

Recommended by ExxonMobil for use in:

- Diesel powered equipment from leading Japanese, European and North American manufacturers
- On-highway light and heavy-duty trucking
- Off-highway industries including: construction, mining, quarrying and agriculture

Specifications and Approvals

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

This product is recommended for use in applications requiring:
API SH
VOLVO VDS-2

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

Properties and Specifications

Property	
Grade	SAE 10W-30
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	80
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	11.7
Flash Point, Cleveland Open Cup, °C, ASTM D92	225
Ash, Sulfated, mass%, ASTM D874	1.1
Noack Volatility, mass%, ASTM D5800	10.7
Pour Point, °C, ASTM D97	-36
Total Base Number, mgKOH/g, ASTM D2896	8.9
Viscosity Index, ASTM D2270	141

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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