Mobil

# Mobil Delvac™ Super 1400 10W-30

Mobil Commercial Vehicle Lube , Estonia

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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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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