

Mobil Delvac 1 SHC

Synthetic High Performance Diesel Engine Oil

The Mobil logo, consisting of the word "Mobil" in a blue, sans-serif font, is positioned in the upper right corner of the page. A large, thick red curved line arches over the logo from the top right towards the center of the page.

Product Description

Mobil Delvac 1 SHC is a unique diesel engine oil which provides outstanding protection to modern high performance diesel engines used in severe on- and off-highway applications. It incorporates the latest generation of ExxonMobil's proprietary synthetic, wax-free base stocks in combination with advanced additive technology. Exceptional protection is provided against engine wear while the superior low temperature fluidity and high temperature viscosity retention ensure outstanding performance over a wide range of conditions. The low traction coefficient of the synthetic base stocks reduces friction losses which together with unique viscosity characteristics translate into documented fuel savings of 2-3 percent. The low volatility of the product contributes to reduced oil consumption. Extensive experience with Mobil Delvac 1 SHC has demonstrated its clearly superior performance compared with conventional diesel engine oils, including those claiming SHPD (Super High Performance Diesel) benefits.

Specifications

Recommended for use in applications requiring API CE, CF; ACEA E4-98/B4-98/B3-98; Accepted for use at maximum drain intervals by: Mercedes Benz Sheet 228.5, Volvo VDS-2, MAN M3277, Mack EO-M; MTU Type 3; MTU/DDC Category 2; RVI RLD.

Benefits/Advantages

- Maximizes engine life through improved protection against piston ring sticking, bore polishing and rust and corrosion.
- Extended engine life.
- Improved fuel economy.
- Reduced vehicle maintenance costs.
- Increased vehicle utilization.
- Excellent alkalinity retention.
- Potential for extended drain intervals.
- Reduced oil consumption.
- Easier engine starting especially at low temperatures.

Application

Mobil Delvac 1 SHC is recommended for use in all types of heavy duty, 4- cycle diesel engines, including those that are intercooled and/ or turbocharged. It is particularly suitable for engines operating under the most severe conditions in trucks, buses and off-highway contractor equipment. It is fully compatible with all other engine components, including seal and gasket materials. It is fully miscible with other diesel engine oils; however, the full benefits of this outstanding lubricant may not be realized if mixed with other products.



Typical Properties

Mobil Delvac	1 SHC
SAE GRADE	5W-40
Viscosity: cSt at 40°C	88
cSt at 100°C	14.5
Viscosity Index	172
CCS Viscosity cP at -30°C	6250 max
MRV Viscosity Poise/Pa at -30°C	94/<35
Sulphated Ash, wt%	1.8
Total Base Number (TBN) mg KOH/g	15.9
Flash Point, °C	226
Pour Point, °C	-54

Health and Safety

Based on available toxicological information, this product produces no adverse effects on health when properly handled and used. No special precautions are suggested beyond attention to good personal hygiene, including laundering oil-soaked clothing and washing skin contact areas with soap and water. Additional health and safety information on this product, including a Material Safety Data Bulletin, is available on request from your local ExxonMobil company.

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