

Product Description

Diesel Engine Oil SAE 40 (API CF/SF) is a dependable monograde heavy-duty diesel engine oil formulated using selected base oils and a balanced additive system designed to provide reliable lubrication and protection for engines operating under moderate to severe conditions.

The formulation provides resistance against wear, oxidation, and thermal degradation while maintaining stable viscosity and basic deposit control. It is suitable for use with high sulfur fuels when applied with appropriate oil drain intervals, supported by its alkalinity reserve for acid neutralization.

This product is designed for use in older-generation diesel engines, including naturally aspirated and turbocharged units, where API CF/SF performance level lubricants are specified.

Specification and Requirements

- API CF / SF

Product Sizes

☒ 200 Liters ☒ 18 Liters ☒ 4 Liters ☒ 1 Liter

Main Applications



- Diesel engines requiring monograde SAE 40 lubricants under API CF/SF performance level
- Mixed fleet applications including high-speed, four-stroke diesel engines
- Commercial road transport and light industrial applications
- Off-highway equipment used in construction, mining, quarrying, and agriculture
- Agricultural machinery operating under steady load conditions

Performance Benefits

- **Reliable Engine Protection.** Provides consistent lubrication and protection against wear in standard operating conditions.
- **Basic Oxidation Stability.** Maintains oil integrity during operation, helping reduce sludge formation.
- **Soot and Deposit Control.** Supports control of deposits to maintain engine cleanliness at recommended service intervals.
- **Acid Neutralization Capability.** Provides alkalinity reserve to neutralize acids formed during combustion, particularly when using higher sulfur fuels.
- **Operational Dependability.** Delivers stable performance in older engine designs and conventional operating environments.

Test Physical Characteristics

Test Parameter	Test Method	Specification
Appearance	Visual	Clear
Color, ASTM	ASTM D1500	<1.5
Density @15°C, kg/l	ASTM D7777	0.8843
Kinematic Viscosity @40°C, cSt	ASTM D445	133.8
Kinematic Viscosity @100°C, cSt	ASTM D445	13.95
Viscosity Index	ASTM D2270	101
Total Base Number, mgKOH/g	ASTM D2896	7.5
Flash Point, COC, °C	ASTM D92	260

Health and Safety

Based on available information, this product is unlikely to produce any significant hazard on health when used for the recommended application provided in the Material Safety Data Sheet (MSDS). Guidance on Health and Safety is available on the appropriate Material Safety and Data Sheet, which can be obtained from <http://www.seaoil.com.ph>

Environment

Bring used oil to a permitted container and place. Do not throw it into the drain or soil.