

Product Description

SEAOIL MARINE OIL 3010 is a premium marine trunk piston diesel engine oil formulated using high-quality base oils and advanced additive technology designed to provide reliable protection for medium-speed diesel engines operating on distillate and low-sulfur fuel oils.

The formulation provides effective detergency, dispersancy, oxidation stability, and alkalinity retention while maintaining excellent water separation characteristics and engine cleanliness during operation. It is engineered to minimize wear, support extended oil service life, and maintain reliable lubrication performance under demanding marine and stationary power generation conditions.

SEAOIL MARINE OIL 3010 is suitable for medium-speed trunk piston diesel engines in marine propulsion and power generation applications requiring SAE 30 viscosity grade lubricants with TBN 10 performance characteristics.

Specification and Requirements

- API CF

Product Sizes

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

Main Applications



- Medium-speed trunk piston diesel engines operating on distillate or low-sulfur fuel oils (<1% sulfur)
- Marine propulsion and auxiliary engine systems
- Stationary power generation diesel engine applications
- Diesel engines operating under continuous-duty and severe service conditions
- Applications requiring SAE 30 marine engine oils with approximately 10 TBN alkalinity reserve

Performance Benefits

- **Reliable Engine Wear Protection.** Provides dependable protection for critical engine components under marine operating conditions.
- **Good Oxidation Stability.** Maintains lubricant durability and minimizes oil degradation during prolonged operation.
- **Superior Alkalinity Retention.** Supports acid neutralization and sustained engine cleanliness performance.
- **Excellent Water Shedding Characteristics.** Supports rapid water separation and efficient centrifuge cleaning capability.
- **Deposit and Sludge Control.** Helps minimize deposit formation and maintain cleaner engine operation.

Test Physical Characteristics

Test Parameter	Test Method	Specification
Appearance	Visual	Clear
Color, ASTM	ASTM D1500	<2.5
Density @15°C, kg/l	ASTM D7777	0.8877
Kinematic Viscosity @40°C, cSt	ASTM D445	102.4
Kinematic Viscosity @100°C, cSt	ASTM D445	11.58
Viscosity Index	ASTM D2270	100
Flash Point, COC, °C	ASTM D92	250
Total Base Number, mgKOH/g	ASTM D2896 (Proc. B)	10.1

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.