ExxonMobil

Mobilgard™ HSD 20W-50

ExxonMobil Marine , Indonesia

Product Description

Mobilgard HSD 20W-50 is a high-speed diesel (HSD) lubricant for a range of marine applications. Mobilgard HSD 20W-50 is a high performance, heavy duty engine oil that provides proven protection to diesel engines operating in severe applications. It is recommended by ExxonMobil for use in a wide range of heavy duty applications and marine operating environments.

Features and Benefits

The key benefits include:

Features	Advantages and Potential Benefits
Thermal and oxidation stability	Controls sludge build-up and deposits
Excellent detergency/dispersancy	Cleaner engines and longer engine life
Stay-in-grade shear stability	Helps reduce oil consumption and wear

Applications

Recommended by ExxonMobil for use in:

- Diesel-powered equipment from leading engine manufacturers
- Older and reconditioned marine engines
- Engines that meet API CF-4/CF/SG/SF

Specifications and Approvals

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

Properties and Specifications

Property	
Grade	SAE 20W-50
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	148.9
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	17.6
Ash, Sulfated, mass%, ASTM D874	1.0

Property	
Total Base Number, mgKOH/g, ASTM D2896	8.4
Pour Point, °C, ASTM D97	-30
Flash Point, °C, ASTM D92	220
Density @ 15 C, g/cm3, ASTM D4052	0.880

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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Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.

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