ExxonMobil

MOBILGARD™ HSD 20W-50 CI-4

ExxonMobil Marine , Malaysia

High Performance Diesel Engine Oil

Product Description

Mobilgard HSD 20W-50 CI-4 by ExxonMobil is an extra high performance, multi-grade engine oil specifically formulated for severe service high-speed diesel engines in marine applications. Its advanced chemistry provides outstanding performance in both modern, demanding low-emission diesel engines and older diesel engines operating on low or high sulphur distillate fuel.

Features and Benefits

Mobilgard HSD 20W-50 CI-4 combines a blend of high quality base stocks with an excellent balanced additive system to help provide exceptional control of oil thickening due to soot build-up and high temperatures, as well as outstanding resistance to oxidation, corrosion, and high temperature varnish deposits.

When used as recommended by ExxonMobil, Mobilgard HSD 20W-50 CI-4 diesel engine oil provides the following features and potential benefits:

Features
Outstanding thermal and oxidation stability
Excellent wear protection
High Viscosity Index
Increased high temp/high shear performance
Outstanding TBN retention
Excellent water tolerance and separation capability
Excellent low temperature properties

Applications

Mobilgard HSD 20W-50 CI-4 is designed to provide outstanding performance in some of the most severe service marine applications of high-speed diesel engines, such as Mercedes Benz.

Specifications and Approvals

This product has the following approvals:
MB-Approval 228.3

This product meets or exceeds the requirements of:
API CI-4

Properties and Specifications

Property	
Grade	SAE 20W-50
Flash Point, Cleveland Open Cup, °C, ASTM D92	235
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	163
Total Base Number, mgKOH/g, ASTM D2896	10.2
Viscosity Index, ASTM D2270	132
Ash, Sulfated, mass%, ASTM D874	1.1
Pour Point, °C, ASTM D97	-26
Density @ 15 C, kg/l, ASTM D4052	0.88
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	18.9

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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01-2023
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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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