ExxonMobil

MOBILGARD™ HSD CF-4

ExxonMobil Marine , South Korea

High Speed Diesel Engine Oil

Product Description

Mobilgard™ HSD CF-4 variants, 15W-40 and 20W-50 are diesel engines oils that provide proven protection of diesel engines operating in marine service applications. Mobilgard HSD CF-4 engine oils are recommended by ExxonMobil for use in a wide range of diesel engines for use in a variety of operating environments in marine industries.

Features and Benefits

Features	Advantages and Potential Benefits
Thermal and oxidation stability	Controls sludge build-up
TBN reserve	Deposit control
Component compatibility	Long seal and gasket life

Applications

Mobilgard HSD CF-4 oils, 15W-40 and 20W-50 are designed to provide proven engine protection for marine diesel engines. Including those models typically used in industries such as inland, coastal, fishing, dredging, offshore service and other similar applications.

Specifications and Approvals

This product is recommended for use in applications requiring:	MOBILGARD HSD 15W-40 CF-4	MOBILGARD HSD 20W-50 CF-4
API CF-4	X	X

Properties and Specifications

Property	MOBILGARD HSD 15W-40 CF-4	MOBILGARD HSD 20W-50 CF-4
Grade	SAE 15W-40	SAE 20W-50
Ash, Sulfated, mass%, ASTM D874	0.73	0.72
Density @ 15 C, kg/l, ASTM D4052	0.88	0.88
Flash Point, Cleveland Open Cup, °C, ASTM D92	232	231
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	14	18.2
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	104	162.9
Pour Point, °C, ASTM D97	-39	-30
Total Base Number, mgKOH/g, ASTM D2896	6	6.4

Property	MOBILGARD HSD 15W-40 CF-4	MOBILGARD HSD 20W-50 CF-4
Viscosity Index, ASTM D2270	136	124

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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07-2022
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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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