ExxonMobil

Mobilgard DEO Series

ExxonMobil Marine , Guam

High Speed Diesel Engine Oil

Product Description

Mobilgard ™ DEO (Diesel Engine Oil) Series are high performance monograde diesel engine oils formulated with high quality base stocks and a balanced additive system for use in marine applications.

Features and Benefits

Features	Advantages and Potential Benefits
Extended TBN reserve	Protects engine parts from corrosive wear and deposits Controls formation of acids when using higher sulfur fuels
Good protection against oil thickening and sludge built-up	Prolonged engine life
Excellent thermal and oxidation stability	Keeps engines clean and operating smoothly
Increased high temp/high shear performance	Reduced engine scuffing, bore polishing and ring sticking

Applications

Mobilgard DEO Series are designed to provide superior performance in severe marine applications, especially for older and reconditioned marine high speed diesel engines. Mobilgard ™ DEO Series are used in engines where a monograde lubricant is recommended requiring API CF or CD.

Specifications and Approvals

This product is recommended for use in applications requiring:	MOBILGARD DEO 30	MOBILGARD DEO 40
API CD	X	X
API CF	X	X

Properties and Specifications

Property	MOBILGARD DEO 30	MOBILGARD DEO 40
Grade	SAE 30	SAE 40
Ash, Sulfated, mass%, ASTM D874	1.1	1.1
Density @ 15 C, g/cm3, ASTM D4052	0.89	0.9
Flash Point, Cleveland Open Cup, °C, ASTM D92	256	254

Property	MOBILGARD DEO 30	MOBILGARD DEO 40
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	11.8	14.6
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	106	146
Pour Point, °C, ASTM D97	-21	-21
Total Base Number, mgKOH/g, ASTM D2896	10.1	10.1
Viscosity Index, ASTM D2270	99	99

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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09-2020
ExxonMobil Marine Limited
Ermyn Way
Leatherhead, Surrey
United Kingdom KT22 8UX

http://www.exxonmobil.com

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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