

## ExxonMobil SAE 30 Mobilgard M40 Series

Category : Fluid , Lubricant

**Material Notes:**

Mobilgard M40 Series (M340 and M440) by ExxonMobil are premium, extra high performance 40 TBN engine oils designed for use in the most severe residual-fuelled medium-speed diesel applications found in marine and stationary power industries. These diesel engine oils have been specially formulated to provide outstanding residual fuel compatibility characteristics for excellent engine cleanliness, especially in crankcase, camshaft areas, ring belt and piston undercrowns. They provide excellent high temperature oxidation and thermal stability, low volatility, and high load carrying properties and corrosion protection. Mobilgard M40 Series oils can be used in most medium-speed trunk piston engine applications. They are recommended for use in main propulsion and auxiliary engines on deep-sea vessels; in main propulsion engines on coastal and river ships; and in stationary power plants. This new Series of oils is the result of an extensive research and development program, incorporating ExxonMobils patented RFD (Residual Fuel Detection) Test. Mobilgard M40 Series oils are designed to meet the needs of engines operating on heavy fuel. They are recommended for use in the latest model medium speed diesel engines and are especially beneficial in engines having low crankcase oil consumption or operating with low cylinder liner temperatures. Relatively high alkalinity reserves in these oils provide superior protection in neutralising the strong acids resulting from the use of high sulphur fuels that find access to the crankcase to promote oil degradation and ring, cylinder, and bearing corrosion.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-SAE-30-Mobilgard-M40-Series.php](http://www.lookpolymers.com/polymer_ExxonMobil-SAE-30-Mobilgard-M40-Series.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.915 g/cc	0.915 g/cc	15°C
Kinematic Viscosity at 40°C (104°F)	113 cSt	113 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	12 cSt	12 cSt	ASTM D445
Ash	5.0 %	5.0 %	Sulfated Ash, wt%; ASTM D874

Thermal Properties	Metric	English	Comments
Pour Point	-6.00 °C	21.2 °F	ASTM D97
Flash Point	240 °C	464 °F	ASTM D92

Chemical Properties	Metric	English	Comments
Total Base Number	40	40	mgKOH/g; ASTM D2896

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