

## **ExxonMobil 512 Mobilgard 12 Series**

Category: Fluid, Lubricant

## **Material Notes:**

Mobilgard 12 Series by ExxonMobil are high performance diesel engine oils developed for use in trunk piston engines operating on low sulphur distillate fuels in marine and industrial applications. They are formulated to have excellent resistance to oxidation and viscosity increase over a long period of service. They have superior water separating properties and provide excellent corrosion protection. Mobilgard 312 and 412 meet API requirements for CF rating. The Mobilgard 12 Series diesel engine oils are intended for use as cylinder and bearing lubricants in marine and industrial diesel engines operating on distillate fuels or light fuel blends. They are particularly effective in small bore, high speed engines in fishing fleets; in new, severe service engines; and in many types of medium speed engines. They may be used as crankcase lubricants in large crosshead type diesel engines operating on high sulphur fuels. Mobilgard 512 is recommended occasionally by some builders as running-in oil for crosshead type engines.

Order this product through the following link:

http://www.lookpolymers.com/polymer\_ExxonMobil-512-Mobilgard-12-Series.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.903 g/cc	0.903 g/cc	15°C
Viscosity Measurement	100	100	Index; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	219 cSt	219 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	19.4 cSt	19.4 cSt	ASTM D445
Ash	2.1 %	2.1 %	Sulfated Ash, wt%; ASTM D874

Thermal Properties	Metric	English	Comments	
Pour Point	-9.00 °C	15.8 °F	ASTM D97	
Flash Point	282 °C	540 °F	ASTM D92	

Chemical Properties	Metric	English	Comments
Total Base Number	15	15	mgKOH/g; ASTM D2896

## Contact Songhan Plastic Technology Co.,Ltd.

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