



Mobilgard® 12 Series

Diesel Engine Oils

Product Description

Mobilgard 12 Series oils 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 12 Series has also been tested against all A.P.I. requirements for CF rating and gave a full pass in all tests.

Benefits

- Extended periods between inspections, overhaul and cleaning
- Increased protection against corrosive wear
- Increased oil service life
- Cleaner engines

Typical Characteristics

Physical and chemical characteristics of the Mobilgard 12 Series oils are shown in the table. Values shown are typical and may vary slightly.

Performance

Mobilgard 12 Series is formulated with base oils having proven successful performance in diesel engines. The additive system is balanced to provide excellent resistance to thermal degradation under moderately severe operating conditions combined with good engine cleanliness and superior wear protection.

Application

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 may be used as crankcase lubricants in large crosshead type diesel engines operating on high sulfur fuels. Mobilgard 512 is recommended by some builders as a running-in oil for crosshead type engines. The primary, and proven particularly effective, recommendations for these oils are in small bore, high speed truck engines in fishing fleets; the new more severe service engines and in many types of medium speed engines.

Typical Characteristics

	312	412	512*
SAE No.	30	40	50
Specific Gravity	0.896	0.899	0.903
Pour Point, max °C	-9	-9	-9
Flash Point, min °C	266	272	282
Viscosity:			
cSt 40 °C	108	142	219
cSt 100 °C	12.0	14.5	19.0
Viscosity Index	100	100	100
Total Base No., Min			
(Mobil Method 308)	16	16	16
Ash, Sulfated, % wt	2.1	2.1	2.1
*Not available in all areas.			

Health & Safety

Based on available toxicology information, when properly handled and used, these products have little or no adverse health effect. No special precautions are suggested beyond attention to good personal hygiene, including avoiding repeated prolonged skin contact. A detailed Material Safety Data Sheet discussing Mobilgard 12 Series oils is available upon request through your Sales Contact office or via the Web at: www.exxonmobil.com/lubes.

Exxon Mobil Corporation 3225 Gallows Road, Fairfax, Virginia 22037-0001	Mobilgard ® 12 Series PDS © Copyright All rights reserved.
Due to continual product research and development, the information contained herein is subject to changes without notification.	