



Product Data Sheet:

MARINE DDEO 40

Product Description:

MARINE DDEO 40 is a good quality monograde engine oil developed for high output, high speed two- and four cycle diesel engines. **MARINE DDEO 40** is formulated with quality base stocks and selectively chosen additives to provide excellent wear protection and engine durability and designed to exceed the performance requirements of API CF and are particularly recommended for Detroit Diesel two-cycle diesel engines in marine fleets operating on low sulphur fuels.

MARINE DDEO 40 has excellent detergency thus reducing deposits, sludge build-up & varnish and extends engine life & durability. Superior thermo-oxidative stability assists in controlling oxidative thickening and increases oil life. Antiwear technology protects against scuffing & wear of cylinder liner and walls. Rust inhibitors retard rust & corrosion formation in critical engine parts and adequate TBN level ensures protection against corrosive combustion products.

MARINE DDEO 40 is recommended for high output, high speed two- and four cycle diesel engines in marine fleets operating on low sulphur fuels.

Exceeds the specifications of:

API CF-2/CF

Property:	Test Method:	Typical Values:
SAE Viscosity Grade	SAE J300	40
Density @ 15°C	ASTM D4052	896 kg/m ³
Kinematic Viscosity @ 40°C	ASTM D7042	144 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D7042	14.5 mm ² /s
Viscosity Index	ASTM D2270	>95
Flash Point	ASTM D92	>220°C
Pour Point	ASTM D97	<-18°C
Total Base Number (TBN)	ASTM D2896	7.5 mgKOH/g
Sulphated Ash	ASTM D874	0.77 wt %

Product nr: 4467

Date Issued: 04/06/201

Date Superseded: 11/11/2011

Revision nr: 02