



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 particularly recommended for Detroit Diesel two-cycle diesel engines in marine fleets operating on low sulphur fuels.

MARINE DDEO 40 is based on high quality virgin mineral base oils in combination with an unique additive package to ensure the following properties:

- Exceptional 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.
- Adequate TBN level ensures protection against corrosive combustion products.

MARINE DDEO 40 exceeds the following performance criteria:

API CF-2/CF

Property	Unit	Test Method	Typical Value
SAE Grade		SAE J300	40
Density@15°C	kg/m ³	ASTM D4052	895
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	149
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	15.0
Viscosity Index		ASTM D2270	100
Flash Point COC	°C	ASTM D92	>220
Pour Point	°C	ASTM D7346	-21
Total Base Number	mgKOH/g	ASTM D2896	7.5

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