



HIGH PERFORMANCE MEDIUM SPEED MARINE ENGINE OILS

SPECIFICATIONS

API CF

DESCRIPTION

MarineGard 40 series are high performance diesel engine oil, with high total basic number (TBN 40), for use in trunk piston engines operating on high sulphur content distillates and heavy fuel oils in marine and industrial applications. MarineGard 40 series are especially formulated to resist to oxidation, corrosion and viscosity increase and have an excellent water separating properties.

FEATURES AND BENEFITS

- Excellent wear control and extend engine life.
- Excellent thermal stability and oxidation resistance to extend periods between inspections, overhaul and cleaning.
- Excellent Detergent/dispersivity properties to keep engine clean and extend its life.
Offer a strength corrosives wear protection.

APPLICATIONS

MarineGard 40 series diesel engine oils are intended for use as cylinder and bearing lubricants in marine and industrial medium speed diesel engines operating on distillate fuels or high sulphur contents distillates and heavy fuel oils. They are particularly effective four strokes medium speed engines in marine application.



- Diesel marine and industrial medium speed engines operating on heavy fuels oils or high sulphur content distillate fuels.
- Modern engines in intensive use.

TYPICAL PROPERTIES

	Test Method	MarineGard 340	MarineGard 440
Grade SAE		30	40
Viscosity @ 40°C - cSt	ASTM D 445	143	143
Viscosity @ 100°C - cSt	ASTM D 445	12	14
Viscosity index	ASTM D 2270	95	95
TBN - mg KOH/g	ASTM D 2896	40.5	40.5
Pour point °C	ASTM D 97	-6	-6
Flash point °C	ASTM D 92	250	242
Density @ 20°C - kg/l	ASTM D 4052	0.89	0.90

The characteristic values appeared on the top in the table are typical values given only as an indication.

HEALTH AND SAFETY

This product used as our recommendation for intended application not expected to produce any particular risk. A safety data sheet of this product is available for a simple request from your sales contact office or via internet. In case of used oil elimination, please respect the regulation and protect the environment.