

# MarineGard

## Series 12

### Quality specifications

Meets: API CF

### Product Description

**Marinegard Series 12** are high performance diesel engine oil for use in trunk piston engines operating on low sulphur distillate in marine and industrial applications. **Marinegard Series 12** 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 Series 12** 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.

- Diesel marine and industrial engines operating on distillate fuels ( sulphur contain under 2% )
- High speed Engines and small cylinders fishing fleets
- Modern engines in intensive use

### Typical Properties

	Method	Unit	MarineGard 312	Marine Gard 412
SAE Grade			30	40
Viscosity @ 40°C	ASTM D 445	cSt	105	140
Viscosity @ 100°C	ASTM D 445	cSt	12	14.5
Viscosity Index	ASTM D 2270		100	100
TBN	ASTM D 2896	mg KOH/g	12.3	12.3
Pour Point	ASTM D 97	°C	-9	-9
Flash Point	ASTM D 92	°C	266	272
Density @ 20°C	ASTM D 4052	kg/l	0.89	0.9

#### 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.

#### Contacts

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