

# DENİZ DIESEL SERIES

## Description

It is a high-performance marine diesel oil, formulated with special additive package and high quality base oils.

## Applications

For crankcase in piston type marine diesel engines and cylinder oils in crosshead type engines.

## Benefits

- Prevents wear under extreme loads and at elevated temperatures and protects the engine.
- Neutralizes acidic combustion by-products.
- Prevents formation of soot on piston rings and ring grooves.
- Controls wear on the pistons and the piston rings and prevents formation of deposits in the engine.
- Maintains its performance at elevated temperatures with its high thermal stability.
- Provides excellent protection against rusting and corrosion.
- Prevents the adverse effects of the seawater considerably.
- Performs well during Alfa Laval Centrifuge and Cooking Bench tests for the removal of the water and other insoluble particles.

## Performance

API CF

## Typical Specifications\*

		1000 Series		2000 Series		3000 Series		4000 Series
SAE Viscosity Grade		30	40	30	40	30	40	40
Density, 15 °C, kg/liter	ASTM D4052	0,900	0,900	0,900	0,900	0,910	0,910	0,910
Flash Point, COC, °C	ASTM D92	262	262	264	264	250	250	260
Viscosity, 40 °C, mm <sup>2</sup> /s	ASTM D445	90	144	95	142	90	150	139
Viscosity, 100 °C, mm <sup>2</sup> /s		10,30	14,30	11	14,50	10,20	14,60	14
Viscosity Index	ASTM D2270	100	97	100	98	102	97	98
T.B.N., mgKOH/gr	ASTM D2896	12	12	22	22	32	32	41
Pour Point, °C	ASTM D97	-18	-15	-18	-15	-18	-15	-12

\* Values shown may differ between productions.

1000-30 1000-40 2000-30 2000-40 3000-30 3000-40 4000-40

