



Petrol Ofisi Deniz Dizel Series

Description

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

Application

It is used as pan oils in piston type marine diesel engines and cylinder oil 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 Properties* | | | | | | | |
|-----------------------|---------------------|-------------|--------|-------------|--------|-------------|--------|
| Tests | Test Methods (ASTM) | 1000 SERIES | | 2000 SERIES | | 3000 SERIES | |
| | | SAE 30 | SAE 40 | SAE 30 | SAE 40 | SAE 30 | SAE 40 |
| Density, 15°C, gr/ml | D-4052 | 0.896 | 0.902 | 0.903 | 0.908 | 0.908 | 0.914 |
| Flash Point, °C, COC | D-92 | 230 | 240 | 230 | 240 | 230 | 240 |
| Vis. Kin., 40°C, cSt | D-455 | 86.6 | 144 | 94 | 142 | 91 | 148 |
| Vis. Kin., 100°C, cSt | D-445 | 10.3 | 14 | 11 | 14 | 10.7 | 14 |
| Viscosity Index | D-2270 | 100 | 97 | 100 | 97 | 100 | 98 |
| Pour Point, °C | D-97 | -18 | -15 | -18 | -15 | -18 | -15 |
| T.B.N., mgKOH/gr | D-2896 | 12 | 12 | 20 | 20 | 30 | 30 |

* Specifications may differ acc. to productions.