



MARINE

POSEIDON SX/TN



DESCRIPTION

POSEIDON SX and TN are specially developed crankcase lubricants intended for use in medium speed, trunk piston diesel engines that operate on MDO and MGO distillate fuels. They are manufactured by highly refined mineral base oils enhanced with an advance technology additive system for superior engine cleanliness and performance.

APPLICATIONS

POSEIDON SX and TN lubricants are suitable for lubrication of medium speed main and auxiliary trunk piston diesel engines that operate with fuel of sulphur content between 1-2%. They are also suitable for the lubrication of many other shipboard equipment like enclosed gears, shaft bearings, where special oils are not required.

CHARACTERISTICS-BENEFITS

| CHARACTERISTICS | BENEFITS |
|---|--|
| Superior wear performance. | Excellent piston and liner wear protection; extends the life of critical engine parts. |
| Effective detergency and dispersion properties; prevents the build up of black sludge and soot. | Superior crankcase and piston ring zone cleanliness; reduced maintenance cost. |
| Good alkalinity retention; effective neutralization of combustion acids. | Exceptional engine protection from acid formation. |
| Good thermal and oxidation stability. | Long oil life and extended drain intervals. |

PHYSICAL-CHEMICAL CHARACTERISTICS

| POSEIDON SX/TN | METHOD | SX | | TN | |
|------------------------------------|------------|--------|--------|--------|-------|
| SAE | | 30 | 40 | 30 | 40 |
| Density at 15°C, g/cm ³ | ASTM D1298 | 0,8926 | 0,8982 | 0,8946 | 0,898 |
| Viscosity, Kinematic (cSt) 40°C | ASTM D445 | 110 | 138 | 110 | 138 |
| Viscosity, Kinematic (cSt) 100°C | ASTM D445 | 12 | 14 | 12 | 14 |
| Viscosity index | ASTM D2270 | 98 | 97 | 98 | 97 |
| Pour point, °C | ASTM D97 | -18 | -15 | -18 | -15 |
| Flash point, COC, °C | ASTM D92 | 244 | 252 | 246 | 254 |
| TBN, mgKOH/g | ASTM D2896 | 16 | 16 | 21 | 21 |

The above mentioned characteristics represent mean values.

SPECIFICATIONS

API CF