



MARINE

POSEIDON HT



DESCRIPTION

POSEIDON HT are high alkaline trunk piston engine oils for use in diesel marine engines operating on residual fuel of high sulphur content. They have excellent alkalinity retention characteristics preventing corrosive wear over long periods of operation. They also demonstrate excellent high temperature oxidation and thermal stability, low volatility, and high load carrying properties and they separate easily water.

APPLICATIONS

They are high performance lubricants designed for use in medium-speed, in main propulsion and auxiliary engines on deep-sea vessels, on coastal ships and in stationary power plants, that run on residual fuels with sulphur content 2-3.5%.

CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
High performance anti-wear additives.	Protection against adhesive wear for cams, camshaft and bearings; engine's life prolongation.
High TBN levels resulting in protection due to advanced technology detergent and dispersant additives.	Increased protection from the corrosive effects of high sulfur fuels combustion; exceptional crankcase, piston and oil rings cleanliness.
Very good thermal and oxidation stability.	Resistance to high thermal stresses developed in highly rated trunk piston engines; long oil life and good oil consumption control.
Broad range of applications.	One lubricant for different shore/off-shore applications.

PHYSICAL-CHEMICAL CHARACTERISTICS

POSEIDON HT	METHOD	3030	4030	3040	4040
SAE		30	40	30	40
Density at 15°C, g/cm ³	ASTM D1298	0,898	0,900	0,906	0,910
Viscosity, Kinematic (cSt) 40 ⁰ C	ASTM D445	110	138	110	139
Viscosity, Kinematic (cSt) 100 ⁰ C	ASTM D445	12	14	12	14
Viscosity index	ASTM D2270	98	97	98	97
Pour point, °C	ASTM D97	-18	-18	-15	-15
Flash point, COC, °C	ASTM D92	248	252	244	252
TBN, mgKOH/g	ASTM D2896	30	30	40	40

The above mentioned characteristics represent mean values.

SPECIFICATIONS

API CF,MAN D&T (NOL)