

NEPTUN TP

Medium speed diesel engine

Description

NEPTUN TP is a premium quality diesel engine lubricant formulated to meet the special needs of low speed marine and industrial trunk piston diesel engines that use fuels with high sulfur content in excess of 2.5%-3.5%wt.

Advantages

- ▶ Good rust and corrosion protection
- ▶ Good filter ability characteristics
- ▶ Resistant to sludge formation
- ▶ Foam protection

Applications

- ▶ Main engines and auxiliary engines of all type that use diesel oil or marine fuel oil with sulfur content less than 5%
- ▶ Bearing & tern tube
- ▶ Reduction gear lubrication

Specification meets:

NEPTUN TP meets the API Service CF specification.

Typical Data of NEPTUN TP

Characteristics	Unit	NEPTUN TP				Test Method
		330	415	430	440	
SAE		30	40	40	40	
Color		L 4.5	L 5.5	L 8.0	Dark	ASTM D 1500
Density @ 15 °C	kg/L	0.905	0.8926	0.9012	0.9077	ASTM D 4052
Kinematic Viscosity @ 40 °C	cSt	103	150.14	148.22	150.34	ASTM D 445
Kinematic Viscosity @ 100 °C		11.75	14.93	14.94	15.05	
Viscosity Index		102	99	100	100	ASTM D 2270
Total Base Number	mg KOH/g	30.5	15.546	30.536	41.202	ASTM D 2896
Pour Point	°C	-9	-9	-9	-9	ASTM D 97
Flash Point (COC)	°C	>230	>230	>230	>230	ASTM D 92

* the typical characteristic mentioned represent mean values