

# NEPTUN TP XT

## Medium speed diesel engine

### Description

NEPTUN TP XT 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.

### 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 XT meets the API Service CF, Man - B & W, New Sulzer Diesel, Yanmar, Daihatsu, Wartsila, and Akasaka specifications.

### Advantages

- ▶ Good rust and corrosion protection
- ▶ Good filter ability characteristics
- ▶ Resistant to sludge formation
- ▶ Foam protection
- ▶ Good thermal stability
- ▶ Good wear protection
- ▶ Very good acidic neutralisation capability

### Typical Data of NEPTUN TP XT

Characteristics	Unit	NEPTUN TP XT					Test Method
		315	330	415	430	440	
SAE		30	30	40	40	40	
Color		L 3.0	L 3.5	L 3.5	L 4.0	L 4.0	ASTM D 1500
Density @ 15 °C	kg/L	0.8912	0.8931	0.8949	0.9027	0.9035	ASTM D 4052
Kinematic Viscosity @ 40 °C	cSt	102	93.70	136.15	133.87	133.75	ASTM D 445
Kinematic Viscosity @ 100 °C		11.10	11.10	14.08	14.06	14.03	
Viscosity Index		102	104	100	102	102	ASTM D 2270
Total Base Number	mg KOH/g	15	30	15	30	40	ASTM D 2896
Flash Point (COC)	°C	225	230	240	252	252	ASTM D 92
Pour Point	°C	-18	-18	-18	-18	-18	ASTM D 97

\* the typical characteristic mentioned represent mean values