

AVIN Marine Series

Crankcase Cylinder Oils



Technical Data Sheet

NEPTUNE 25 SAE 50

Description

NEPTUNE OIL 25 is a latest technology, very low-alkaline cylinder oil for the lubrication of slow-speed, cross-head marine diesel engines using ultra low sulfur marine gasoil (MGO). It is a superior performance diesel engine cylinder oil is formulated to support marine operators using 0,1 percent sulfur fuels in slow-speed engines when entering into Emission Control Areas (ECA) after Jan. 1 2015.

NEPTUNE OIL 25 is formulated using high quality, high VI paraffinic base oils and a low-alkaline detergent/dispersant agent.

Functional Characteristics

Engineered to tackle deposit formation and scuffing-related engine wear that can occur when operating on low sulphur fuel. Excellent 'fuel switch-over' MCL, providing for overall engine cleanliness & protection and high temperature performance.

Typical Use

NEPTUNE OIL 25 is recommended for use as cylinder oil in slow-speed crosshead engines required to switch to ultra low-sulfur (with $\leq 0,1\%$ sulfur content) MGO. NEPTUNE 25 (BN25) meets the most demanding requirements of the latest types of turbo-charged crosshead engines operating at high outputs and thermal loads. It is recommended for engines in vessels entering Emission Control Areas.

Typical Characteristics

NEPTUNE OIL	25
SAE	50
Specific gravity at 15°C/4°C	0,908
Viscosity at 40°C, cst	226,0
Viscosity at 100°C, cst	20,0
Viscosity Index	102
Flash Point (C.O.C.), °C	>230
Pour Point, °C	-9
TBN	25