



MARINE

NAUTILUS HEAVY XT



DESCRIPTION

NAUTILUS HEAVY XT is a premium quality, highly alkaline cylinder oil, designed for low speed crosshead engines running on heavy fuels with a sulfur content up to 4.0% weight. It was specifically blended from a high quality, paraffinic basestock and an advanced technology of carefully balanced additive package to protect engines subject to "cold corrosion" by providing excellent ring wear protection, liner surface corrosion protection, elevated levels of engine cleanliness and, as a result, facilitating the prolongation of the engine's life cycle.

APPLICATIONS

It is suitable for the cylinder lubrication of large, low-speed marine diesel engines running on HFO and operating under conditions of high stress (long strokes, low loads, for example), in particular those that are sensitive to "cold corrosion" as in very low steaming conditions. NAUTILUS HEAVY XT is suitable for ≥2011 (Tier II) powertrains and should be used in accordance with OEM recommendations.

CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
Outstanding neutralisation of acids resulting from fuel combustion.	Mitigating "cold corrosion" effects , prolongation of engine life, reduced maintenance costs.
Exceptional detergent properties, protects oil system from the case of accidental combustion of residue leakage.	Exceptionally engine cleanliness, minimal deposits on piston, piston rings, ring grooves and cylinder ports.
Enhanced boundary lubrication properties, protection against wear.	A lubricant protecting film is permanently retained on engine parts, allowing extended periods between piston overhauls.
Absolutely homogeneous lubricant.	Stable in long-term storage.

PHYSICAL-CHEMICAL CHARACTERISTICS

NAUTILUS XT	METHOD	HEAVY XT
SAE		50
Density at 15°C, g/cm ³	ASTM D1298	0,935
Viscosity, Kinematic (cSt) 100 ⁰ C	ASTM D445	219
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Viscosity index	ASTM D2270	103
Pour point, °C	ASTM D97	-15
TBN, mgKOH/g	ASTM D2896	100
Flash point, COC, °C	ASTM D92	248

The above mentioned characteristics represent mean values.

SPECIFICATIONS

MDT (NOL)