



MARINE

NAUTILUS VLS/25



DESCRIPTION

NAUTILUS VLS/25 is a premium quality cylinder oil designed for two-stroke marine engines running on ultra low sulphur distillate fuels or/and natural gas, methanol, ethane and LPG. It consists of high quality mineral base oils and the latest in innovation additive system. It has been developed for heavy duty marine diesel engines operating in emission control areas (ECA) It provides superior ring and liner protection against wear and deposits control that enable the long life cycle of the powertrain.

APPLICATIONS

NAUTILUS VLS/25 is a new SAE 50 cylinder oil that delivers superior piston ring deposit control, engine cleanliness and high temperature performance in low-speed crosshead marine diesel engines operating under demanding conditions, running on fuel with a very low sulphur content (up to 0.1% after January 1st 2015 in ECAs). It is highly recommended for 2-stroke marine applications that demand the use of up to 0,5% sulphur fuel (outside ECAs).

CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
Enhanced technology additive system.	Combats the deposits and scuffing-related engine wear associated with low-sulphur fuels.
Exceptional detergent properties.	Strong control of piston groove deposits, which is a critical area for distillate fuel operation.
Excellent thermal and oxidative stability.	Ensures performance in a variety of engine conditions.

PHYSICAL-CHEMICAL CHARACTERISTICS

NAUTILUS VLS/25	METHOD	
SAE		50
Density at 15°C, g/cm ³	ASTM D1298	0,908
Viscosity, Kinematic (cSt) 40 ^o C	ASTM D445	226
Viscosity, Kinematic (cSt) 100 ^o C	ASTM D445	19,9
Viscosity index	ASTM D2270	101
Pour point, °C	ASTM D97	-10
TBN, mgKOH/g	ASTM D2896	25
Flash point, COC, °C	ASTM D92	248

The abovementioned characteristics represent mean values.