



Aqua Marine XTPE 50

A high-performance Marine Oil

PRODUCT DATA SHEET

Product Description

A high-performance marine diesel engine oil formulated with premium base oils & advanced detergent additives to provide optimum protection & reliable performance in medium speed trunk piston engines. It offers excellent residual fuel compatibility, superior engine cleanliness, & strong protection against deposits in critical engine components, ensuring efficient operation under demanding marine & stationary power conditions.

Features & Benefits

- *Excellent oxidation & thermal stability reduces deposits formation in piston under crown and ring belt areas.*
- *Outstanding protection against ring and liner wear.*
- *Excellent protection from rust and corrosion even in presence of water.*
- *Excellent oil filtration and centrifuging capabilities.*
- *High detergency & low dispersancy capabilities, ensures engine cleanliness and releases contaminants & water readily in centrifugal separators.*
- *Very high TBN reserves & retention, gives rapid neutralization of strong acidic combustion products and provides long term protection against corrosive wear of ferrous & non-ferrous metals.*

Specifications

Aqua Marine XTPE 50 meets or exceeds following International and Builder specifications:

- *API CF*

Application

- *Suitable for lubricating Medium-speed Trunk piston engines in industrial or marine propulsion and auxiliary engines on deep sea vessels, burning on residual fuel oils with sulfur levels of 1.5% to 3.5%.*

- *Suitable for use in the latest model medium speed diesel engines, facilitating low crankcase oil consumption and useful in engines operating with low cylinder liner temperatures.*
- *Marine engine reduction gears, stern tubes & bearings and certain other ship-board applications*

TYPICAL CHARACTERISTICS

Aqua Marine XTPE 50	Test Method	Units	5030	5040	5050
Density @ 15 0C	ASTM D 4052	gm/cc	0.892	0.900	0.904
Viscosity @ 100 0C	ASTM D 445	cSt	11.6	14.6	19.2
Viscosity @ 40 0C	ASTM D 445	cSt	103	145	218
Viscosity Index	ASTM D 2270	-	100	99	99
Pour Point	ASTM D 97	°C	-9	-9	-6
Flash Point (COC)	ASTM D 92	°C	245	268	276
Total Base Number	ASTM D 2896	mg KOH/g	50	50	50
Sulphated Ash	ASTM D 874	% wt	6.4	6.4	6.4

These characteristics are typical of current product methods whilst future production will confirm to Bluenergy lubricants specifications, variations in these physical characteristics may occur.

Protect the Environment

Take used oil to an authorized collection point or to be recycled. Do not discharge used or new oil into drains, soil or water.

Additional Information

Based on available information, this product is not expected to produce adverse effect on health when used for the Applications referred to above and the recommendations provided in safety data sheet are followed. guidance on health and safety is available on the appropriate material safety data sheet(MSDS) which can be obtained from www.Bluenergylubes.com