

Technical Data Sheet



Bio Marine Two Stroke Oil TC-W3

Product Code: MAR011 - Revision: 20181207

Product Description

A high quality biodegradable two stroke engine oil, formulated to meet the demands of the U.S.A. National Marine Manufacturers Association NMMA TC-W3. Developed for high performance water cooled outboard two stroke spark ignition.

The stringent performance levels demanded of this specification supersede those of NMMA TC-W2, the former boating industry association (BIA) TC-W, and the former API TSC-4, and can be used where these classifications are specified.

Benefits

- Developed for both oil injection and pre-mix systems up to 50:1.
- Powerful detergent system helps to keep components clean.
- High lubricity, power protection formula gives superior protection against piston seizure, even at high temperatures when tested with very low oiling rates.

Applications

A bio marine two stroke oil with a broad spectrum performance that can be used in the majority of two stroke applications. In all cases the engine manufacturers fuel/oil ratios should be adhered to, in pre-mix applications.

Typical Test Data

Density @15°C	-	0.92
Flash Point (°C)	-	>80
Kinematic Viscosity cSt @ 100°C	-	8.7
Kinematic Viscosity cSt @ 40°C	-	51.6
Pour Point (°C)	-	<-25
Total Base Number (mg KOH/g)	-	8.0
Viscosity Index	-	147

Product Profile

NMMA TC-W3