

KOYOTO 2T TC-W3 SERIES

Premium Performance 2 Stroke Pre-Diluted Marine Outboard Engine



Product Data Sheet

Product Description

KOYOTO 2T TC-W3 is low ash premium performance 2 stroke marine outboard engine oil, prediluted to facilitate easy mixing with fuel across wide temperature ranges. It is formulated with optimum blend of mineral & synthesized baseoils and advanced technology ashless additive system, to provide efficient performance in oil injected gasoline pre-mixed water cooled 2 stroke marine outboard engines. It is also suitable for use in naturally aspirated air cooled 2 stroke engines such as lawnmowers, chainsaws, motorcycles and auxiliary equipment.

- High power output since ashless oil offers piston cleanliness and help maintain engine performance.
- Outstanding oxidation & thermal stability reduces sludge build up and keeps the engine cleaner, resulting in reduced ring sticking, piston tightening and prevention of pre-ignition problems.
- Reduced plug fouling and exhaust port deposits minimizes pre-ignition, extending spark plug and valve life.
- Increased fuel efficiency, due to outstanding high and low temperature performance.
- Excellent engine protection by providing outstanding protection against wear.
- Excellent corrosion protection helps enhancing engine life.

Specifications

KOYOTO 2T TC-W3 meets or exceeds following International and Builder specifications:

- NMMA TC-W, TC-WII, TC-W3
- API TC

Application

- Suitable for use in modern high-performance, water-cooled, two-stroke engines, as well as, smaller or older outboard engines, where NMMA TC-W, TC-WII or TC-W3 oils are recommended such as Johnson, Mercury, OMC, Evinrude, Mariner, Force, Mercruiser, Yamaha, Suzuki, Nissan and Tohatsu.
- Suitable for use in light to moderate duty, air-cooled two-stroke engines that are used in chain saws, power mowers, leaf blowers and lawn trimmers.

Typical Characteristics

KOYOTO 2T TC-W3	Test Method	Units	2T TC-W3
Specific Gravity	ASTM D 1298	-	0.878
Viscosity @ 100 °C	ASTM D 445	cSt	8.50
Viscosity @ 40 °C	ASTM D 445	cSt	51.9
Viscosity Index	ASTM D 2270	-	140
Pour Point	ASTM D 97	°C	-36
Flash Point (COC)	ASTM D 92	°C	98
Base Number (TBN)	ASTM D 2896	mg KOH/g	8.5
Sulfated Ash	ASTM D 874	% wt	<0.001

The above figures are typical of blends with normal production tolerance and do not constitute a specification.