



Marine Ultra Outboard

Full Synthetic TC-W3 Oil for 2-Cycle Engines

Rev: 2026-09-08

DESCRIPTION

TRIAX Marine Ultra Outboard is a premium, full-synthetic 2-stroke engine oil designed for water- and air-cooled two-cycle engines that require a TC-W3 oil. Built on synthetic base oils and a premium additive package — anti-oxidants, defoamers, anti-wear agents, dispersants, and friction modifiers — it delivers enhanced engine cleanliness, helps resist ring sticking, reduces spark-plug fouling, and runs virtually smokeless across outboards, personal watercraft, and other 2-cycle marine engines.

PERFORMANCE HIGHLIGHTS

- Superior lubricity and wear protection for pistons, bearings, and cylinder walls
- Smokeless combustion — low-ash, low-smoke formula minimizes exhaust deposits and plug fouling
- Outstanding detergency keeps combustion chambers and exhaust ports clean
- Enhanced corrosion protection against saltwater and moisture, including during long storage periods
- Excellent fluidity and miscibility — mixes easily with fuel in all ratios
- Reduces ring sticking and carbon build-up, extending engine life
- Helps resist scuffing and power loss under high load and high-RPM operation

SPECIFICATIONS & APPLICATIONS

TRIAX Marine Ultra Outboard is designed for both direct-injection and pre-mix systems, for use in outboards, personal watercraft (PWCs), and other 2-cycle marine engines that require a TC-W3 oil.

For use in applications requiring the following specifications:

- TC-W3

Suitable for use in most marine engine OEM applications, including but not limited to the following:

- Mercury
- Yamaha
- Honda
- Evinrude
- Suzuki
- and many others
- Johnson
- Tohatsu

The specifications listed above are stated to identify the applications for which this product is suitable. They do not indicate certification, approval, licensing, registration, or endorsement by the owner of any specification, standard, or mark.

TYPICAL PROPERTIES

Parameter (Test Method)	Typical Value
Appearance (Visual)	Blue, dyed liquid
Viscosity, Kinematic @ 40 °C, cSt (ASTM D445)	38.0
Viscosity, Kinematic @ 100 °C, cSt (ASTM D445)	7.4
Viscosity Index (ASTM D2270)	165
Flash Point, °C (°F) (ASTM D92)	150 (302)
Pour Point, °C (°F) (ASTM D97)	-45 (-49)
Total Base Number, mg KOH/g (ASTM D2896)	5
Sulfated Ash, wt.% (ASTM D874)	<0.1

These are typical values. There may be small differences in actual values which are a normal part of production and do not affect product performance.

DIRECTIONS & MIXING

Always follow the mixing ratio specified for your equipment. Fuel-mixing chart — oz of oil per gallons of gasoline:

Gas : Oil	1 Gal	2 Gal	3 Gal	4 Gal	5 Gal	6 Gal
16 : 1	8	16	24	32	40	48
20 : 1	6	13	19	26	32	38
24 : 1	5	11	16	21	27	32
25 : 1	5	10	15	20	26	31
40 : 1	3	6	10	13	16	19
50 : 1	3	5	8	11	13	16