



The First in Synthetics®

Outboard 100:1 Pre-Mix Synthetic 2-Stroke Oil

Performance-Engineered for Outboards

Specifically designed for outboard motors, Outboard 100:1 Pre-Mix Synthetic 2-Stroke Oil contains a heavy dose of low-temperature dispersant additives that excel at reducing varnish and carbon deposit formation in water-cooled motors. Its low-smoke, low-odor, low-toxicity properties produce fewer emissions at 100:1 mix ratios than oils mixed at 50:1, benefitting operators and the environment. Outboard Synthetic 2-Stroke Oil is formulated to prevent “oil loading” and plug fouling for rapid throttle response, making it ideal for trolling motors. Recommended for pre-mix use where TC-W3 is specified.

AMSOIL Synthetic 2-Stroke Oil has been providing improved performance and protection in two-stroke engines since 1973. Trust the extensive experience of AMSOIL, The First in Synthetics®, to do the best job protecting your engine.

Engine Protection

Outboard Synthetic 2-Stroke Oil provides premium protection and performance at 100:1 mix ratios. It is formulated for hot-operating two-stroke outboard motors, effectively fighting carbon/deposit formation and preventing ring sticking.

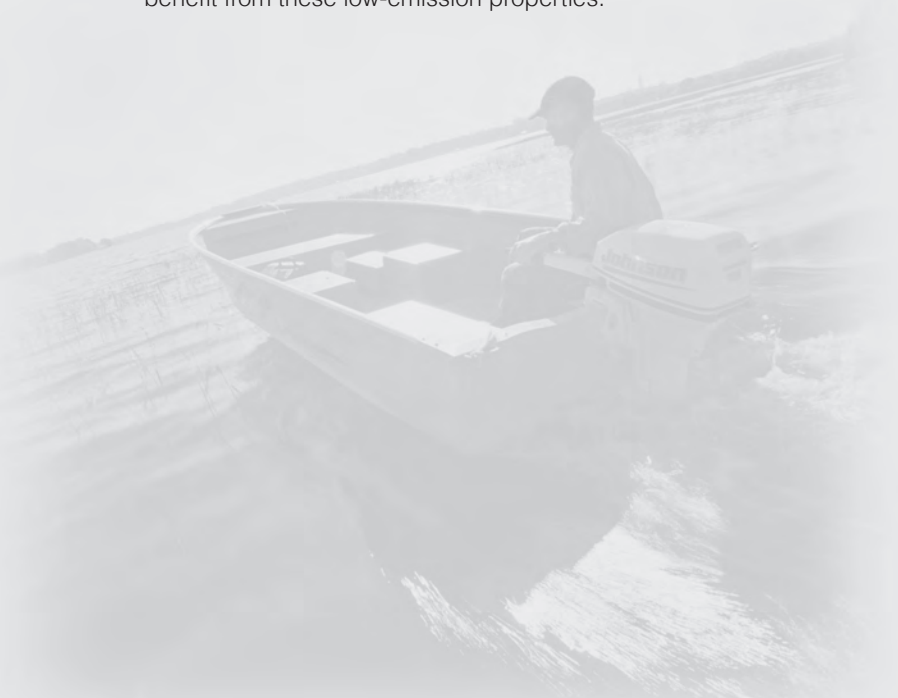
Smokeless Operation

Outboard Synthetic 2-Stroke Oil's synthetic formulation burns clean. When mixed at 100:1, smoke is virtually undetectable. Boaters subjected to smoke and fumes benefit from these low-emission properties.



TC-W3

- **Excellent** lubricity and cleanliness properties
- **Controls** friction and helps prevent wear, plug fouling, ring sticking and exhaust port blocking
- **Improves** throttle response
- **Lowers or eliminates** smoke
- **Delivers** outstanding protection and performance at lean mix ratios
- **Anti-rust** formulation counteracts the damp environments often encountered in outboard applications



TYPICAL TECHNICAL PROPERTIES

Outboard Synthetic 2-Stroke Oil (ATO)

Kinematic Viscosity @ 100°C, cSt (ASTM D445)	17.9
Kinematic Viscosity @ 40°C, cSt (ASTM D445)	141.2
Viscosity Index (ASTM D2270)	141
Pour Point, °C (°F) (ASTM D97)	-33 (-27)
Flash Point, °C (°F) (ASTM D92)	120 (248)
Fire Point, °C (°F) (ASTM D92)	138 (280)

APPLICATIONS

Outboard Synthetic 2-Stroke Oil is specifically designed for pre-mix water-cooled two-stroke outboard motors, personal watercraft and jet boats.

Outboard Synthetic 2-Stroke Oil is recommended for 100:1 mix ratios in normal service. Richer mix ratios may be used where desired, although certain benefits such as reduced smoke and deposits may be compromised.

RATIO	OIL	FUEL
32:1	4.0 oz.	1 US GAL
40:1	3.2 oz.	1 US GAL
50:1	2.6 oz.	1 US GAL
80:1	1.6 oz.	1 US GAL
100:1	1.3 oz.	1 US GAL

AMSOIL PRODUCT WARRANTY

AMSOIL products are backed by a Limited Liability Warranty. For complete information visit www.amsoil.com/warranty.aspx.

HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended applications and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available online at www.amsoil.com or upon request at (715) 392-7101.

Keep Out of Reach of Children.



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AMSOIL products and Dealership information are available from your local full-service AMSOIL Dealer.