

B I O 2 T O U T B O A R D

Full Synthetic 2-Stroke Engine Oil



Description

BIO 2T OUTBOARD OIL is a superior performance **NMMA TC-W3®** fully tested and certified lubricant for all **2-Stroke gasoline engines** of outboards, jet-ski and other leisure craft.

BIO 2T OUTBOARD OIL is engineered using the **latest technology** for ultimate engine protection.

BIO 2T OUTBOARD OIL is **readily biodegradable & non-toxic in the marine environment.**

Industry Performance Standards

- API-TC
- OEM APPROVALS: **NMMA TC-W3®** Registration Number **RL-33301R**

Areas of Application

BIO 2T OUTBOARD OIL is recommended for use in modern high-performance, water-cooled, 2-Stroke engines, as well as, smaller or older outboard engines or where **NMMA TC-2, TC-W, TC-WII** or **TC-W3** oils are recommended. It is suitable for **both pre-mix and direct oil injection systems.**

BIO 2T OUTBOARD OIL is certified by **NMMA** for service **TC-W3®** at the engine manufacturer's recommended fuel/oil ratio.

BIO 2T OUTBOARD OIL has the high capacity for water-cooled 2-Stroke engines required by all the major manufacturers: BOMBARDIER, CHRYSLER, EVINRUDE, FORCE, JOHNSON, KAWASAKI, MARINER, MERCURY, OMC, SEA-DOO, SUZUKI, TOHATSU, YAMAHA...

Characteristic features

- Outstanding detergency in outboard water-cooled 2-Stroke engines
- No exhaust smoke, ash-free formula
- Exceptional anti-rust and anti-corrosion properties
- Protection of the engine's internal components
- Delivers excellent low-temperature performance
- Prevents clogging of ports, piston ring sticking and spark plug fouling
- Rust protection during extended engine storage periods
- Meets the new lubricity requirements **NMMA TC-W3® AF27**
- Readily biodegradable in the natural environment

PHYSICAL PROPERTIES

PARAMETER	UNIT	TEST METHOD	Typical Value
Density at 15 °C	kg/m ³	ISO 12185	870 - 890
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	45
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	Min. 8
Viscosity Index			145



Pour point	°C	ASTM D97	< -40
Flash point, COC	°C	ASTM D92	92
Acid Value	mg KOH/g	AOCS Cd 3d-63	Max. 1
Biodegradability (within 21 days)	%	CEC-L-33-A-93	>90

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