



# OUTBOARD SYNTH 2T

**2 Stroke biodegradable engine oil  
Outboard and Racing**

**100 % Synthetic Ester / NMMA TC-W3**

## TYPE OF USE

Designed for high performance 2 Stroke engines and direct injection 2 stroke engines.  
For 2 Stroke engines lubricated by premix or by injector: EVINRUDE, JOHNSON, MARINER, MERCURY, SEAGULL, SELVA, SUZUKI, TOHATSU, YAMAHA...  
For PWC with 2 Stroke engines: BRP, KAWASAKI JET SKI, YAMAHA....  
Particularly recommended for racing and for unleaded gasoline

## PERFORMANCES

|           |  |
|-----------|--|
| STANDARDS | API TD<br>API TSC 4<br>NMMA TC-W<br>NMMA TC-WII<br>Biodegradability: CEC L-33-A-93 |
| APPROVALS | NMMA TC-W3 under n° RL-93399K  |

Very high performant oil without solvent: this 100% Synthetic - Ester based, used in Motul racing oils, ensures a very important friction reduction. Engine life duration and performance are increased.  
Exceeds the NMMA TC-W3 latest standard level (National Marine Manufacturing Association - ex BIA) which regroups main outboard and Personal Water Craft manufacturers.  
Protects environment: the ester base is from vegetal origine and allows the product to pass the CEC L-33-A-93 biodegradability standard.  
Formulated to go through all injector systems.  
Mixes instantaneously with gasoline and remains stable.  
Complete specific additivation system to avoid spark plug fouling, carbon deposit.

## RECOMMENDATIONS

Mixing ratio for premix lubrication: from 1% to 2% according to manufacturers' requirements and adjust according to your own use.

## PROPERTIES

|                            |               |                         |
|----------------------------|---------------|-------------------------|
| Color                      | Visual        | Amber                   |
| Density at 20°C (68°F)     | ASTM D1298    | 0.937                   |
| Viscosity at 40°C (104°F)  | ASTM D445     | 49.5 mm <sup>2</sup> /s |
| Viscosity at 100°C (212°F) | ASTM D445     | 8.4 mm <sup>2</sup> /s  |
| Viscosity Index            | ASTM D2270    | 145                     |
| Flash point                | ASTM D92      | 258°C / 496°F           |
| Pour point                 | ASTM D97      | -42°C / -43°F           |
| Biodegradability           | CEC L-33-A-93 | 85%                     |

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development.

Product specifications are not definitive from the order which is subject to our general conditions of sale and warranty. – Made in France

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