

# 2 stroke biodegradable engine oil **Outboard and Racing**

## 100 % Synthese Ester / NMMA TC-W3

#### TYPE OF USE

Designed for high performance 2 stroke engines

For 2 stroke engines lubricated by premix or by injector: EVINRUDE, FORCE, JOHNSON, MARINER,

MERCURY, SEAGULL, SELVA, SUZUKI, TOHATSU, YAMAHA...

For 2 stroke engine of Jet: KAWASAKI JET SKI, YAMAHA....

Particularly recommended for racing and for unleaded gasoline

### **PERFORMANCES**

APPROVALS: NMMA TC-W3 RL-90640

TC-W , TC-WII / API TD - TSC 4 STANDARDS: Biodegradability: CEC L-33-A-93.

Very high performant oil without solvent: the 100% ester synthetic based, used in Motul racing oils, ensures a very important reduction of frictions. Engine's life and performances are increased.

Exceeds the NMMA TC-W3 latest standard level (National Marine Manufacturing Association - ex BIA) which regroups main outboard and jet ski 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 throw all injector systems.

Mixes instantaneously with gasoline and remains stable.

A complete 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**

Blue coloured.

Density at 15°C (59°F) **ASTM D1298** 0.932 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 145

Viscosity index **ASTM D2270** 

ASTM D92 258°C / 496°F Flash point Pour point ASTM D97 -42°C / -43°F

Biodegradability CEC L-33-A-93 85%