



Better engine oils

Power to protect. Power to perform.



TOP OUTBOARD 2T

PRODUCT CODE:

TOP OUTBOARD 2T A performance two stroke engine oil specifically designed to meet the demands of the U.S.A. National Marine Manufacturers Association NMMA TC-W3. Developed for water cooled outboard two stroke spark ignition.

BENEFITS:

- Ashless formulation specifically for water cooled engines to give a long operating life, withstand high loads, constant throttle and avoid pre-ignition.
- Developed for both oil injection and pre-mix systems up to 50:1.
- Power protection formula gives superior protection against piston seizure, even at high temperatures when tested with very low oiling rates.
- Reduced deposits in piston cooling spaces and crankcase.
- Superb detergency and dispersancy system.
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Exceeds the following performance requirements:

- NMMA TC-W3 Mercury Marine,
- Yamaha, Suzuki,
- Force/US Marine,
- Sears and other manufacturers requiring NMMA TC-W3 oil.
- Can be used in other water-cooled two stroke engines such as snowmobiles.

TYPICAL ANALYSIS:

| Appearance | | Blue |
|--|------------|------|
| Density @ 15°C | ASTM D4052 | 0.88 |
| Flash Point (°C) | ASTM D92 | 120 |
| Kinematic Viscosity @ 40°C (mm/s ²) | ASTM D445 | 52 |
| Kinematic Viscosity @ 100°C (mm/s ²) | ASTM D445 | 8.2 |
| Pour Point (°C) | ASTM D97 | <-25 |
| Total Base Number (mg KOH/g) | ASTM D2896 | 7 |
| Viscosity Index | ASTM D2207 | 130 |