



# Product Data Sheet

## HPURE 2T OUTBOARD

### Product Description:

Hpure 2T Outboard Water Cooled Two-Cycle Motor Oil TC-W3 meets the requirement of National Marine Manufacturer's Association (NMMA) TC-W3 specification. It contains premium quality lubricating base stocks plus ashless additives and increased detergency to give the best quality protection in all types of high performance two-cycle engines calling for TC-W, TC-W2 and TC-W3 oils. Hpure 2T Water Cooled Two-Cycle Motor Oil TC-W3 also exceeds the performance requirements of the API service classification TC two-cycle engine which is commonly recommended for air-cooled two-cycle engine oils.

Hpure 2T Water Cooled Two-Cycle Motor Oil TC-W3 mixes easily with gasoline and flows through injectors even at very low temperature. This product is recommended for use in all outboard marine engines including Evinrude, Johnson, Mercury, Suzuki and Yamaha.

### Applications / Benefits:

- ▣ Maximum additive treatment, including increased detergency over the TC-W2 formulation, protects engine against failures due to scuffing, ring sticking, port deposits, bearing failures and plug fouling.
- ▣ Mixes easily with fuel for premix applications.

### Typical Characteristics:

Test Description	Method	TCW	TCW 2	TCW 3
Specific Gravity @ 15 °C	ASTM D 4052	0.870	0.871	0.872
Flash Point, °C	ASTM D 92	95	94	93
Pour Point , °C	ASTM D 97	-15	-18	-21
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	47.1	43.8	42.4
cSt @ 100°C	ASTM D 445	7.4	7.2	7.1
Viscosity Index	ASTM D 2270	120	126	128
Appearance	Visual	Blue	Blue	Blue

### Specifications, Approvals & Recommendations:

- NMMA TC-W and 2/3 classifications

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