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# PRODUCT DATA SHEET

Premium Quality Lubricants

## NATIONAL™ TC-W3 OUTBOARD OIL

### High Performance Ashless Outboard Engine Oil

### PRODUCT DESCRIPTION

NATIONAL™ TC-W3 engine oil is a high performance, ashless two-cycle motor oil for water –cooled and air cooled engines. It is designed for use in both premix and injected systems. It is dyed blue for easy identification.

### INDUSTRY AND OEM SPECIFICATIONS

- ◆ NMMA TC-W3® (R-201111)
- ◆ API TC
- ◆ JASO FB

### APPLICATIONS

NATIONAL™ TC-W3 oil meets the warranty requirements for water cooled two-cycle engines manufactured by Chrysler, Evinrude, Force, Johnson, Mariner, Mercury, OMC, Suzuki and Yamaha. It is recommended for motor cycles, lawn mowers, snowmobiles, snow blowers, chain saws and other air cooled two-cycle engines JASO FB and API Service Category TC quality.

### TYPICAL PROPERTIES

ISO GRADE	TEST	TC-W3
Viscosity @100°C	D445	5.07
Viscosity @40°C	D445	25.78
Brookfield Vis @-40°C	D2983	16,600
Pour Point, °C	D97	-50
Flash Point, °C	D92	92
Sulfated Ash, wt%	D874	Nil

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