



GULF WESTERN OIL
THE TOUGH AUSTRALIAN

PRODUCT DATA SHEET

OUTBOARD TWO STROKE

SEMI SYNTHETIC ASHLESS MARINE TC-W3 ENGINE OIL

DESCRIPTION

Outboard Two Stroke Oil is a high performance semi-synthetic ashless engine oil for use in most water-cooled two stroke outboard motors. This product is formulated for use in oil injected and pre-mix systems. It is approved by the National Manufacturers Association (NMMA) for service TC-W3.

Blending Guide: To make a 50:1 pre-mix (as used by most outboard engines) add 100 mls of Premium Outboard Oil to 5 litres of petrol. Refer to manufacturer recommendation for correct pre mix ratio.

SUMMARY OF BENEFITS

- Suitable for TC-W3 and TC-W2 requirements
- Ashless formulation for superior piston, port and plug cleanliness
- Self-mixing with leaded and unleaded petrol
- Formulated using synthetic and conventional mineral oils to give excellent protection against engine wear
- Gel resistant formulation reduces the likelihood of fuel filter or oil filter blockage and subsequent engine damage

SPECIFICATIONS

Outboard Two Stroke meets the following international performance specifications:

- NMMA TC-W3
- Certification No. RL-331679Y

Meets the warranty requirements of: Mercury, Johnson, Evinrude, Yamaha, Mariner, Force, Suzuki, Tohatsu and any other engine requiring TC-W3 performance.

STORAGE

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

HEALTH, SAFETY AND ENVIRONMENT

Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

GULF WESTERN PREMIUM QUALITY LUBRICATING OILS (AUST) PTY LTD

Head Office: 92-96 Links Road, St Marys NSW 2760 - PO BOX 515 Kingswood, NSW 2747

Phone: 02 9673 9600 - **Fax:** 02 9623 6466 - **Email:** sales@gulfwestern.com.au - **Web:** www.gulfwestern.com.au

ACN: 087 558 398



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TYPICAL CHARACTERISTICS

OUTBOARD TWO STROKE	Test Method	Units	Results
Density @ 15°C	ASTM D1298	kg/L	0.868
Kinematic Viscosity @ 40°C	ASTM D445	cSt	60
@ 100°C	ASTM D445	cSt	9.0
TBN	ASTM D2896	mgKOH/g	5.2
Flash Point (COC)	ASTM D92	°C	96
Colour	-	-	Blue

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.

AVAILABLE PACK SIZES

IBC - 30082B, 205lt - 30082, 20lt - 32082, 4lt - 30482, 1lt - 30182, 415mL - 34182 (export only)

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