# MARINE OUTBOARD TWO STROKE OIL Last updated: 24/04/2019 11:24 am (Mineral)

	PRODUCT CODE	PACK SIZE	CARTON QTY
	OUTB001	1L	6
	OUTB0025	2.5L	4
	OUTB005	5L	4
ĺ	OUTB020	20L	

#### **PRODUCT BENEFITS**

**Marine Outboard Two Stroke Oil** is a premium mineral, **NMMA** (National Marine Manufacturers Association), fully licensed and registered **TC-W3®** 2 stroke engine oil. It is a low smoke two stroke oil manufactured from selected hydro-treated base oils and an ashless additive system for engine cleanliness and minimization of combustion chamber deposits. It is specially designed to facilitate easy mixing with fuel.



#### **APPROVALS AND LICENSES**

Click Here for NMMA TC-W3 License Registration Number RL-00419J

#### **APPLICATION**

Marine Outboard Two Stroke Oil is specifically designed for use in all water cooled two stroke outboard engines including oil injected and premix systems at mixing ratios as specified by manufacturer requirements. These include engines made by leading manufacturers such as:

Chrysler	Mariner	Kawasaki	Tohatsu
Evinrude	Honda	Johnson	Mercury
Nissan	Parsun	Suzuki	Yamaha
Volvo Penta	and others		

**Marine Outboard Two Stroke Oil** is NMMA Certified for service NMMA TC-W3® at the engine manufacturer's recommended fuel/oil ratio. **Please Note** - Not intended for the high combustion temperatures that can occur in land-based air cooled 2-stroke engines or Sea-Doo Jet Skis (use Penrite MC-2ST Full Synthetic Two Stroke Oil). Mixing Ratio Chart **Click here** to view a comprehensive mix ratio chart

FUEL OIL RATIO	<u>PETROL</u>	OIL
25:1	5 Litre	200ml
50:1	5 Litre	100ml
100:1	5 Litre	50ml

#### **PRODUCT BENEFITS**

- · Minimises plug fouling, pre-ignition, ring sticking and exhaust port blockages
- Low smoke performance
- Provides excellent anti-seize and anti-scuff performance.
- · Correct viscosity for consistent flow rates in oil-injected engines.
- Improved smoke control with a very high pass in the ISO EG-B requirements.

#### MANUFACTURER'S (OEM) APPROVALS & INDUSTRY LICENSES

NMMA TC-W3® Registration Number RL-00419J

### **INDUSTRY & MANUFACTURER'S SPECIFICATIONS**

API TC

ISO EG-B

JASO TB

NMMA TC-W3®



## **TYPICAL DATA**

Colour	Blue/Green	
Density at 15°C, kg/L	0.867	
Viscosity, Kinematic, cSt at 40°C	51	
Viscosity, Kinematic, cSt at 100°C	8.3	
Viscosity Index	137	
Sulphated Ash, Mass %	Nil	
Total Base Number (TBN)	5.2	
Flash Point. °C	98	