



# PENRITE



## BIOMARINE OUTBOARD TWO STROKE OIL (Full Syn.)

### Package, Code and Carton Qty:

1L - BIOOUTBTS001 [ 6 ]

5L - BIOOUTBTS005 [ 4 ]

205L - BIOOUTBTS205

### Description

**Biomarine Outboard Two Stroke Oil** is a full synthetic **NMMA** (National Marine Manufacturers) **TC-W3®**, fully licensed & registered 2 stroke engine oil. It is highly biodegradable, low smoke, clean burning oil offering less environmental impact than conventional 2 stroke motor oils. It is ashless, meaning soot and other combustion chamber deposits are minimised.



### Additional Product Information

Penrite's new marine range has the right product for the right application whether you fish the estuaries or roam the open ocean. Our new range of marine oils and lubricants, have you covered.

[Click Here to see Penrite Marine Brochure](#)

[Click Here to view guide to oils](#)

### Application

**Biomarine Outboard Two Stroke Oil** is recommended for all types of outboard motors and Jet Skis and can be used in direct injection engines as well as premix systems at mixing ratios as specified by manufacturer requirements.

**Biomarine Outboard Two Stroke Oil** is suitable as an upgrade to Marine Outboard Two Stroke Oil. It is Penrite's prime recommendation for the following applications:

Evinrude E-Tec\*EvinrudeMercury Optimax

Mariner OptimaxAll Nissan 2 StrokeTohatsu TLDI

\* - Evinrude E Tec engines may need reprogramming to run at 100:1 ratio

**Biomarine Outboard Two Stroke Oil** can also be used in engines from popular manufacturers such as:

ChryslerJohnsonParsun

SuzukiVolvo PentaYamaha

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VICTORIA AUSTRALIA 3152, ABN 25 005 001 525  
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## Mixing Ratio Chart

### Fuel Oil Ratio

#### Petrol

#### Oil

25:15 Litre200ml

50:15 Litre100ml

100:15 Litre50ml

[Click here](#) to view a comprehensive mix ratio chart

**Biomarine 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).

## Product Benefits

- Low smoke, clean burn performance
- Exceptional wear protection
- Excellent engine cleanliness
- Biodegradable
- Reduces combustion chamber deposits

## Environmental Impact

- Readily biodegradable; 67% according to OECD 301F testing
- Toxicity to aquatic organisms is low
- Meets Canadian Environmental Choice and ICOMIA 27-97 standards

## Manufacturer's (OEM) Approvals & Industry Licenses

- NMMA TC-W3® Registration Number RL-90041R

## Industry & Manufacturer's Specifications

- API TC
- NMMA TC-W3®

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## Typical Data

ColourBlue

Density at 15°C, kg/L0.940

Viscosity, Kinematic, cStat 40°Cat 100°C478.2

Viscosity Index149

Sulphated Ash, Mass %<0.10

Flash Point, °C258

Biodegradability, OECD 301B, %69

Biodegradability, CEC L33 A93, %82

Base Number5.2

*Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. An MSDS is available on request.*

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