



## Mobil Outboard™ Plus

Mobil Passenger Vehicle Lube , Japan

Superior Performance Two-Stroke Outboard Engine Oil

### Product Description

Mobil Outboard Plus is a high performance, two-stroke engine oil that is designed for many high performance, water-cooled two-stroke engines used in outboard marine applications. Mobil Outboard Plus offers clean engine and environmental performance. Mobil Outboard Plus is pre-diluted to facilitate mixing when added to fuel.

### Features and Benefits

Mobil Outboard Plus is formulated from high purified conventional mineral oils and an ashless dispersant additive system providing outstanding protection against exhaust port deposits, corrosion and wear. Spark plug fouling and pre-ignition are also minimised promoting flawless operation. The product is ideal for use in both modern and older two stroke engine models. Key features and benefits include:

Features	Advantages and Potential Benefits
Good thermal and oxidation stability and deposit control	Cleaner engines resulting in reduced ring sticking and cylinder scuffing, extended engine life and more reliable operation
Outstanding anti-wear protection	Extended life of critical components and engine
Excellent corrosion protection properties	Longer engine life
Promotes cleaner combustion and reduced deposits in combustion area	Reduces plug fouling and exhaust port deposits thus minimising pre-ignition, extending spark plug and valve life and increasing fuel efficiency
Good high and low temperature capability	Wide range of ambient temperature application
Non-toxic to marine life	No lingering side affects to marine life

### Applications

Mobil Outboard Plus is recommended by ExxonMobil for use in modern high-performance, water-cooled, two-stroke engines, as well as, smaller or older outboard engines. ExxonMobil also recommend Mobil Outboard Plus for use in two-stroke engines manufactured by Johnson, Mercury, OMC, Evinrude, Mariner, Force, Mercruiser, Yamaha, Suzuki, Nissan and Tohatsu or where NMMA TC-W, TC-WII or TC-W3 oils are recommended.

ExxonMobil also recommend Mobil Outboard Plus for use in light to moderate duty, air-cooled two-stroke engines that are used in power mowers, chain saws, leaf blowers and lawn trimmers.

### Specifications and Approvals

This product meets or exceeds the requirements of:
API TC
NMMA TC-W3

## Properties and Specifications

Property	
Color, Visual	Blue
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	8.8
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	52.9
Pour Point, °C, ASTM D97	-36
Flash Point, Pensky-Martens Closed Cup, °C, ASTM D93	100

## Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit [www.exxonmobil.com](http://www.exxonmobil.com)

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