



## Mobil Outboard Plus

### 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 effects 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

##### Mobil Outboard Plus meets or exceeds the requirements of:

API TC	X
NMMA TC-W3	X

#### Typical Properties

##### Mobil Outboard Plus

Viscosity ASTM D 445

viscosity, ASTM D 443

cSt @ 40° C	52.9
cSt @ 100° C	8.8
Sulfated Ash, wt%, ASTM D 874	N/A
Pour Point, °C, ASTM D 97	-36
Flash Point, °C, ASTM D 92	114
Density @15° C kg/l, ASTM D 4052	N/A
Colour	Red

## Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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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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