# **Mobil**<sup>®</sup>

# Mobil Outboard Plus

Mobil Passenger Vehicle Lube , Sweden

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 ou marine applications. Mobil Outboard Plus offers clean engine and environmental performance. Mobil Outboard Plus is pre-diluted to facilitate mixing when ad fuel.

## Features and Benefits

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

| Features  | Advantages and Potential Benefits   |
|---|---|
| Good thermal and oxidation stability and deposit contro             | Cleaner engines resulting in reduced ring sticking and cylinder scuffing, extended engine life and more reperation                        |
| 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 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 ou
  engines. ExxonMobil also recommend Mobil Outboard Plus for use in two-stoke engines manufactured by Johnson, Mercury, OMC, Evinrude, Mariner,
  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 sav blowers and lawn trimmers.

## Specifications and Approvals

| Mobil Outboard Plus meets or exceeds the requirements of: |   |
|---|---|
| APITC   | Х |
| NMMA TC-W3  | Х |

## **Typical Properties**

| Mobil Outboard Plus           |      |
|-------------------------------|------|
| Viscosity, ASTM D 445         |      |
| cSt @ 40° C                   | 52.9 |
| cSt @ 100° C                  | 8.8  |
| Sulfated Ash, wt%, ASTM D 874 | N/A  |

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| Mobil Outboard Plus              |     |
|----------------------------------|-----|
| 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 recommenc 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 p 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 performate to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All primary not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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