



## Mobil 1™ Racing 4T

Mobil Passenger Vehicle Lube , Malaysia

Advanced Multigrade Synthetic Four-Stroke Motorcycle Engine Oil

### Product Description

Mobil 1™ Racing 4T is an advanced four-stroke motorcycle engine oil. This product helps to provide an outstanding level of performance in today's high performance motorcycles. It will help keep 4-stroke engines running clean protecting even in extreme operating conditions.

### Features and Benefits

Mobil 1 Racing 4T combines high performance synthetic basestocks and a precisely balanced component system to help provide outstanding engine cleanliness, excellent wear protection at high temperatures and highly effective protection from corrosion. Use of Mobil 1 Racing 4T helps to maintain maximum power output due to the inherently strong performance and protection provided by the synthetic technology. This specially engineered motorcycle engine oil helps to deliver unsurpassed performance under severe operating conditions in All Seasons, driving environments, from mild to severe, and on the racetrack. Key features and potential benefits include:

| Features                                     | Advantages and Potential Benefits  |
|--|--|
| Optimised frictional properties              | Consistent power due to reduced frictional losses<br>Overall optimized balance of engine performance and fuel economy                                      |
| Exceptional wear protection                  | Helps to extend engine life  |
| Outstanding thermal and oxidation stability  | Fluid film protection at all operating temperatures minimizing deposit formation especially at the high operating temperatures found in air-cooled engines |
| Outstanding low-temperature properties       | Effective lubrication at low ambient temperatures helping to enable easy starting, rapid wear protection and less drain on starter systems                 |
| Excellent detergent/dispersant capability    | Outstanding engine cleanliness, smooth and reliable operation  |
| Effective protection from rust and corrosion | Long life of critical valve train and bearing components   |

### Applications

Mobil 1 Racing 4T is specifically recommended for lubrication of four-stroke motorcycle engines in high performance motorcycles.

### Properties and Specifications

| Property   | 10W-40     | 15W-50     |
|--|------------|------------|
| Grade  | SAE 10W-40 | SAE 15W-50 |
| Cold-Cranking Simulator, Apparent Viscosity @ -25 C, mPa.s, ASTM D5293 | 4640       |            |
| Density @ 15.6 C, g/ml, ASTM D4052                                     | 0.86       | 0.86       |

| Property   | 10W-40 | 15W-50 |
|--|--------|--------|
| Flash Point, Pensky-Martens Closed Cup, °C, ASTM D93                 | 212    | 204    |
| Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445           | 13.1   | 16.9   |
| Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445            | 82     | 114    |
| Mini-Rotary Viscometer, Apparent Viscosity, -30 C, mPa.s, ASTM D4684 | 11700  |        |
| Pour Point, °C, ASTM D97   | -45    | -39    |
| Viscosity Index, ASTM D2270  | 161    | 161    |

## 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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