



**Mobil 1 Racing 2T**  
Mobil Passenger Vehicle Lube , Croatia  
Advanced Performance, Full Synthetic Two-Stroke Engine Oil

Product Description

Mobil 1 Racing 2T is an advanced performance, full synthetic, two-stroke engine oil developed to meet or exceed the highest level of lubricant requirements by today's highest performance motorcycles, snowmobiles and lean oil/fuel ratio chain saws and other two-stroke applications.

Mobil 1 Racing 2T is pre-diluted to facilitate mixing when added to fuel.

Features and Benefits

Mobil 1 Racing 2T combines high performance synthetic baseoils with an advanced additive technology to help provide outstanding engine cleanliness in the piston and exhaust valve areas, excellent wear protection and lubricity at high temperatures and virtually eliminate smoke production. This lubricant is engineered to outperform even under some of the severest operating conditions. Key features and potential benefits include:

| Features                                  | Advantages and Potential Benefits                                                                                                                                            |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outstanding wear protection               | Helps to extend life for critical engine parts                                                                                                                               |
| Exceptional lubricity properties          | Helps to protect against pre-mature wear and engine seizing                                                                                                                  |
| Excellent thermal and oxidation stability | Exceptional engine cleaning power helping to result in extended spark plug and valve life, reduced ring sticking, piston tightening and elimination of pre-ignition problems |
| Excellent corrosion protection properties | Long engine life                                                                                                                                                             |
| Eliminates pre-ignition                   | Helps to extend piston life                                                                                                                                                  |
| Smoke-free exhaust                        | Outstanding emissions control                                                                                                                                                |

Applications

Mobil 1 Racing 2T is recommended for lubrication of two-stroke engines used in the highest performance motorcycles, snowmobiles and lean oil/fuel ratio chain saws. It is ideal for applications where API TC or JASO FD performance standards are recommended. The product helps to provide outstanding performance even in some of the harshest operating conditions.

Specifications and Approvals

| This product meets or exceeds the requirements of: |
|----------------------------------------------------|
| API TC                                             |
| ISO-L-EGC                                          |
| ISO-L-EGD                                          |
| JASO FC                                            |
| JASO FD                                            |
| SAE GRADE 1                                        |
| SAE GRADE 2                                        |

Properties and Specifications

| Property                                      |       |
|-----------------------------------------------|-------|
| Ash, Sulfated, mass%, ASTM D874               | 0.15  |
| Density @ 15.6 C, kg/l, ASTM D4052            | 0.884 |
| Flash Point, Cleveland Open Cup, °C, ASTM D92 | 100   |
| Kinematic Viscosity @ 100 C, mm2/s, ASTM D445 | 12.7  |
| Kinematic Viscosity @ 40 C, mm2/s, ASTM D445  | 83    |
| Pour Point, °C, ASTM D97                      | -42   |
| Viscosity Index, ASTM D2270                   | 154   |

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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