



**Mobil 1 Racing 2T**  
Mobil Passenger Vehicle Lube , Portugal  
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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