MOTO 2 RACER

Technical Data Sheet

1 - International Standards

100% Synthetic

API TC
JASO FD

Exceeds JASO norm



2 - Application

Designed for high-performance 2-stroke motorcycles used in high-speed racing conditions (RPM) requiring maximum power and acceleration.

These conditions involve:
- intense friction and a risk of significant wear on engine components
- extreme heat leading to potential oil degradation and deposit formation

Inadequate maintenance can result in loss of performance, risk of breakdown, or even mechanical failure.

3 - Customer Benefits

Preserved Performance and Power
Thanks to ELF's 100% synthetic formulation combined with "Combustion efficiency" technology, ELF MOTO 2 RACER:
- Ensures instant and stable mixing with fuel, improving combustion efficiency while reducing resistance to movement to maximize your engine's performance and power.
- Exceeds the highest level of the JASO standard (JASO FD), which consists of a series of engine tests to measure lubrication, detergency, smoke level, and deposit formation.

Heat transfert
Thanks to its properties, ELF MOTO 2 RACER optimizes heat transfer, preventing excessive heat damage due to overheating such as part deformation and risk of engine seizure, even over prolonged intensive use.

Oxidation resistance
The use of ELF's 100% synthetic formulation provides excellent thermal stability and good oxidation resistance.
It exceeds the requirements of the most severe oxidation tests and remains effective at high and low temperatures.

Piston Protection
Thanks to an exclusive formulation combining base oils and specific additives, ELF MOTO 2 RACER retains excellent anti-wear properties, ensuring optimal piston protection, even in extreme conditions.

This lubricant, used according to our recommendations and for the application for which it is intended, does not present any particular risk. A safety data sheet in accordance with the legislation in force in the C.E. is available from your sales advisor.

4 - Characteristics

TEST	TEST METHOD	UNITS	VALUE
Density at 15°C	ASTM D1298	kg/m^3	880
Kinematic Viscosity at 40°C	ASTM D445	mm^2/s	75
Kinematic Viscosity at 100°C	ASTM D445	mm^2/s	11
Colour	-	-	Blue
Pour point	ASTM D97	°C	-30
Flash point	ASTM D92	°C	108

* The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications.

5 - Recommendations for Use

Before using the product, the vehicle's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations. If possible, the packaging should not be exposed to the elements.

Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

6 - Health, Safety and The Environment

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet (SDS).

The SDS is available on request from your local reseller and at https://ms-sds.totalenergies.com.

This product should not be used for any purposes other than the ones for which it is intended.

This lubricant, used according to our recommendations and for the application for which it is intended, does not present any particular risk. A safety data sheet in accordance with the legislation in force in the C.E. is available from your sales advisor.