



# ELF MOTO<sup>4</sup> CRUISE 20W-50

4-stroke motor oil

## KEY DATA

- MOTORCYCLE RANGE



- 4-STROKE MOTOR OIL
- MINERAL BASE
- SAE 20W-50

- INTERNATIONAL STANDARDS

- ✓ API SL
- ✓ JASO MA2

- LEVEL



## APPLICATIONS

**ELF MOTO<sup>4</sup> CRUISE 20W-50** is a lubricant that is particularly recommended for all types of 4-stroke engine motorcycles, in compliance with the API SL, JASO MA2 international standards.

**ELF MOTO<sup>4</sup> CRUISE 20W-50** is perfectly compatible with catalytic converters. The manufacturer's recommended oil change intervals and the required minimum viscosities must be respected. This lubricant is compatible with lead-free fuels. This lubricant protects and lubricates all standard engines. Suitable for all daily urban traffic use and rural conditions.

**ELF MOTO<sup>4</sup> CRUISE 20W-50** is a 4-stroke oil formulated using selected mineral bases to keep the engine clean. This lubricant is designed for use over a varied temperature range. **ELF MOTO<sup>4</sup> CRUISE 20W-50**'s viscosity controls the wide temperature variations and provides good engine lubrication.

## CUSTOMER BENEFITS

- Piston ring sealing:** **ELF MOTO<sup>4</sup> CRUISE 20W-50** guarantees piston ring sealing and reduces deposits: low volatility, lower oil consumption and no more compression loss all mean that the engine's power is maintained.
- Oil film homogeneity:** **ELF MOTO<sup>4</sup> CRUISE 20W-50** limits the appearance of foam on the surface of engine parts, eliminates "aeration" of the lubricant and consequently avoids early part wear.
- Maintenance costs:** the anti-wear additives selected for **ELF MOTO<sup>4</sup> CRUISE 20W-50** prevent moving parts from deteriorating. Its quality formulation prevents premature lubricant ageing and implies a safety margin beyond oil change intervals. Guarantees long engine life and lower maintenance costs.
- Multi-purpose engine protection:** The HTHS viscosity (high temperature, high shear) of **ELF MOTO<sup>4</sup> CRUISE 20W-50** provides users with ideal performance in extreme pressure conditions. The chosen viscosity guarantees engine protection thanks to its anti-wear properties and oil film thickness even in the most severe speed and load conditions.



## CHARACTERISTICS\*

Test	Unit	Result
Viscosity grade	-	20W-50
Density at 15°C	kg/m <sup>3</sup>	888
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	160.2
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	18.2
Viscosity index	-	126
Pour Point	°C	-27
OC Flash Point	°C	252

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

## RECOMMENDATIONS FOR USE

Before using the product, the vehicle's user 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.

## 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. This can be obtained on request from your local reseller and is available for consultation at [www.quickfds.com](http://www.quickfds.com).

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

When disposing of the product after use, please protect the environment and comply with local regulations.

TOTAL Lubrifiants  
Immeuble Le Spazio  
562, avenue du Parc de l'île  
92029 Nanterre Cedex  
France

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Some variations can be expected under normal production conditions, but these should not affect the product's expected performance irrespective of the site. The information contained in this document is subject to change without notice. Our products can be viewed on our website at [www.lubrifiants.total.fr](http://www.lubrifiants.total.fr).