



# ELF MOTO<sup>4</sup> TWIN TECH 20W-60

4-stroke motor oil

## KEY DATA

- MOTORCYCLE RANGE



- 4-STROKE MOTOR OIL
- SYNTHETIC BASED
- SAE 20W-60

- INTERNATIONAL STANDARDS

- ✓ API SN
- ✓ JASO MA2

- LEVEL



## APPLICATIONS

**ELF MOTO<sup>4</sup> TWIN TECH 20W-60** is a lubricant for high-performance 4-stroke engine motorcycles, in compliance with the API SN and JASO MA2 international standards. It is particularly recommended for twin cylinder engines.

**ELF MOTO<sup>4</sup> TWIN TECH 20W-60** is a high-technology new-generation lubricant which guarantees extremely high performance and helps protect your engine. It keeps all engine components optimally clean and ensures that gear changes are smooth and efficient.

**ELF MOTO<sup>4</sup> TWIN TECH 20W-60** has been specially developed for twin-cylinder engines. Its high viscosity at both high and low temperatures provides your engine with optimum protection, particularly its distribution circuits, which can be vulnerable on certain twin-cylinder models. Its high viscosity also reduces engine operating noise considerably.

**ELF MOTO<sup>4</sup> TWIN TECH 20W-60** is ideally suited to all types of urban traffic use, rural conditions and high-speed motorway travel.

## CUSTOMER BENEFITS

- Good thermal stability:** **ELF MOTO<sup>4</sup> TWIN TECH 20W-60** has successfully passed a very exacting oxidation test. This high quality lubricant provides good thermal stability; it remains fluid and efficient during all temperature variations.
- High lubrication and power levels maintained:** The additives and base oils selected for **ELF MOTO<sup>4</sup> TWIN TECH 20W-60**'s formula prevent deposit formation, maintain hydrodynamic lubrication and preserve the original power of your engine.
- Anti-wear and extreme pressure:** The HTHS viscosity (high temperature, high shear) of **ELF MOTO<sup>4</sup> TWIN TECH 20W-60** provides users with ideal performance in extreme pressure conditions. Its chosen viscosity levels guarantee engine protection thanks to its anti-wear properties (oil film thickness). The lubricant's molecular structure resists extreme transmission pressures.
- Smoother gear changes:** Specific additives create a protective layer which gives smoother gear changes, reduces mechanical and transmission noise and protects metal parts in contact. Special formulation providing extra grip when changing gear. Power transmission approved.



## CHARACTERISTICS\*

Test	Unit	Result
Viscosity grade	-	20W-60
Density at 15°C	kg/m <sup>3</sup>	874
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	231.0
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	25.6
Viscosity index	-	142
Pour Point	°C	-33
OC Flash Point	°C	260

\*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.

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

Last update of this datasheet: 09/2021

# ELF MOTO<sup>4</sup> TWIN TECH 20W-60



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).