



MOTO V-TWIN 4T 20W50

■ Description

Mineral lubricating oil for powerful 4-stroke V-twin and liquid or air-cooled engines, most suitable for achieving high performance with minimal wear. Formulated to perform under the most diverse weather conditions, it withstands the high temperatures which are characteristic of this kind of twin cylinder engine, significantly resisting evaporation. Specially recommended for long distance journeys.

■ Properties

- High resistance to oxidation, protecting the engine from the high temperatures typical of air-cooled V-Twin models.
- Its viscosity ensures perfect lubrication in extreme conditions.
- Suitable for both motorcycles with dry and submerged clutches.
- It provides appropriate friction in clutch discs, preventing slipping and premature wear in the engine and transmission lubrication systems (wet clutch).

■ Quality level

- API SJ
- JASO T 903:2006 MA

■ Technical specifications

	UNIT	METHOD	VALUE
SAE grade			20W50
Density at 15°C	g/mL	ASTM D 4052	0.888
Viscosity at 100°C	cSt	ASTM D 445	18.1
Viscosity at 40°C	cSt	ASTM D 445	163
Viscosity -15°C	cP	ASTM D 5293	9500 max.
Viscosity index	-	ASTM D 2270	110 min.
Flash point, open cup	°C	ASTM D 92	200 min.
Pour point	°C	ASTM D 97	-18
TBN	mg KOH/g	ASTM D 2896	6.9
Sulphated ash	% weight	ASTM D 874	1.2 max.
Shear Stability, Bosch Injector at 100°C	cSt	CEC-L014-93	15 min.

■ Hazard identification

This product is not classified as toxic or dangerous under current legislation.

■ Handling

Certain minimum precautions to avoid prolonged contact with the skin should be taken when handling. The use of gloves, visors or masks is recommended in order to avoid splashes.

■ Health and Safety Hazards

Inhalation: Low-volatility product, therefore the risk from inhalation is minimal.

Ingestion: Do not induce vomiting. Drink water. Seek medical assistance.

Contact with skin: Wash with plenty of water and soap.

Eyes: Wash with plenty of water.

General measures: Seek medical assistance.

■ Fire-fighting measures

No special measures are required.

Fire control: Foams, dry chemicals, CO₂, water spray. Do not apply water jet directly as this may cause the product to spread.

■ Environmental precautions

Danger of physical contamination in the event of spillage (watercourses, coastal areas, the ground, etc.) due to its floating capacity and oily consistency, which may cause damage to fauna and flora with which it comes into contact. Prevent material from entering water containers or outlets.

Decontamination and cleaning: Treat as an accidental oil spillage. Avoid spreading by using mechanical barriers and remove using both physical and chemical means.

A safety information file is available upon request.

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Unless otherwise specified, the values cited in the technical specifications should be considered typical

Technical data sheet. Review 3. May 2011.