



MOTO RIDER 4T

10W40, 15W50 & 20W50

Description

Lubricant oil for low, medium and high cylinder capacity 4-stroke engines. Due to its special composition, Repsol Moto Rider is particularly suitable for driving long distances without worrying about performance loss or premature wear of the different engine components in very different situations. It is therefore ideal, among other uses, for making long journeys as it is not necessary to monitor consumption as often given the oil's special viscosity.

Properties

- Its viscosimetric properties have been specially designed to lubricate large cylinder engines that reach high temperatures and a high number of revolutions.
- Efficient detergent and dispersant power that ensures that high levels of cleanliness are maintained in all parts of the engine.
- Provides good friction on clutch discs, preventing slippage and premature wear in joint engine and transmission (wet clutch) lubrication systems

Quality level

- API SJ
- JASO T903:2006 MA

Technical Characteristics

	UNIT	METHOD	VALUE	VALUE	VALUE
SAE Grade			10W40	15W50	20W50
Density at 15°C	g/ml	ASTM D 4052	0.871	0.881	0.888
Viscosity at 100°C	cSt	ASTM D 445	14.5	17.1	18.1
Viscosity at 40°C	cSt	ASTM D 445	95	135	163
Viscosity at -25°C	cP	ASTM D 5293	7000 max	-	-
Viscosity at -20°C	cP	ASTM D 5293	-	7000 max	-
Viscosity at -15°C	cP	ASTM D 5293	-	-	9500 max
Viscosity rate	-	ASTM D 2270	150	140	110 min.
Flash point, open cup	°C	ASTM D 92	200 min.	190 min	200 min
Pour point	°C	ASTM D 97	-27	-24	-18
TBN	mg KOH/g	ASTM D 2896	6.9	6.9	6.9
Sulphated ashes	% in weight	ASTM D 874	1.2 max	1.2 max	1.2 max
Bosch Injector Shearing: Viscosity at 100°C after shear	cSt	CEC-L014-93	12.5 min.	15 min.	15 min.

■ Hazard Identification

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

■ Handling

Minimum precautions should be taken to avoid prolonged contact with the skin. The use of gloves, visors or glasses is recommended to avoid splashes.

■ Health and safety hazards

Inhalation: Given that it is not a particularly volatile product, the risk of inhalation is minimal.

Ingestion: Do not induce vomiting. Supply water. Seek medical advice.

Contact with the skin: Wash thoroughly with soap and water.

Eyes: Wash thoroughly with water.

General measures: Seek medical advice.

■ Fire-extinguishing measures

No special measures required.

Fire-extinguishing measures: Foams, dry chemicals, CO₂, water spray. Do not apply the jet of water directly as this could cause the product to disperse.

■ Environmental precautions

Danger of physical pollution if spilt (watercourses, coastlines, soil, etc.) due to its floatability and oily consistency that may harm flora and fauna on contact. Avoid material getting into water outlets.

Decontamination and cleaning: Treat as an accidental oil spillage. Prevent dispersion using mechanical barriers and remove by physical or chemical means.

A safety information file is available on request.

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Unless otherwise indicated, the figures cited in technical characteristics should be considered typical.