



MOTO FORMULA 4T 20W50

■ Description

REPSOL MOTO FORMULA 4T 20W50 is a mineral four-stroke motorcycle oil suitable for engines running in high temperature and extreme environment conditions that require reliable lubrication and protection for the engine. The formulation is fortified with advanced additive technology to deliver excellent engine performance, maintain cleanliness and guarantee protection against wear and shear in all riding conditions.

■ Properties

- Provides reliable oil performance in all riding conditions.
- Excellent lubrication at high operating temperatures.
- Smoother clutch and gearbox operations.
- Excellent oxidation stability and resistance to formation of sludge and deposits.

■ Quality levels

- API SJ
- JASO T 903:2006 MA

■ Technical characteristics

	UNIT	METHOD	VALUE
SAE grade			20W50
Density @ 15°C	g/cm ³	ASTM D 4052	0.879
Viscosity @ 100°C	cSt	ASTM D 445	17.9
Viscosity @ 40°C	cSt	ASTM D 445	149.0
Viscosity @ -15°C	cP	ASTM D 5293	9500 max
Viscosity index	-	ASTM D 2270	128
Flash point, open cup	°C	ASTM D 92	200 min
Pour point	°C	ASTM D 97	-27 max
T.B.N.	mg KOH/g	ASTM D 2896	4.7

■ 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. Provide water. Seek medical advice.

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

Eyes: Wash thoroughly with water.

General measures: Seek medical advice.

■ Fire-fighting 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 (water, 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 like an accidental oil spill. Prevent dispersion using mechanical barriers and remove by physical or chemical means.

A safety information file is available on request.

This PDS is available at www.repsoloil.com.my.

For more information about Repsol please visit www.repsol.com

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