



CARRERA 5W50

AUTOMOTIVE

Description

Synthetic lubricant oil specifically designed to cover the needs of high performance engines. REPSOL CARRERA 5W50 is a result of the experience accumulated by the Repsol racing teams, and its carefully studied formula optimises the resistance to oxidation of the different engine parts, prevents the formation of deposits and favours good performance at low temperatures. It is a perfect lubricant for powerful vehicles used daily in any environment and circumstances

Properties

- Better cold behaviour than other oils of a similar category, as shown by the sludge formation results. This characteristic ensures excellent oil behaviour in urban settings.
- The synthetic nature of its base oils reduces volatility and therefore enables lower consumption of lubricant.
- The excellent results obtained in tests on oxidation, cam wearing and deposit formation in the piston ensure longer engine life under the demanding conditions of use of high-powered vehicles

Quality level

- API SM/CF

Technical Characteristics

	UNIT	METHOD	VALUE
SAE grade	-	-	5W50
Density at 15°C	g/ml	ASTM D 4052	0,848
Viscosity at 100°C	cSt	ASTM D 445	17,5
Viscosity at 40°C	cSt	ASTM D 445	116
Viscosity at -30 °C	cP	ASTM D 5293	6600 max
Viscosity rate	-	ASTM D 2270	169
Flash point, open cup	°C	ASTM D 92	210 min.
Pour point	°C	ASTM D 97	-42 max
T B N	mg KOH/g	ASTM D 2896	8,8
Sulphated ashes	% in weight	ASTM D 874	0,8
Bosch Injector Shearing Bosch at 100°C	cSt	CEC-L-14-93	16,3 min
Noack Volatility 250°C	% in weight	CEC-L-40-93	6,2

■ 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 splashing.

■ Health and safety hazards

Inhalation: As this product has low volatility, the risk of inhalation is minimal.

Ingestion: Do not induce vomiting. Provide water. Request medical help.

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

Eyes: Wash with plenty of water.

General measures: Request medical help.

■ Firefighting measures

No special measures required.

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

■ Environmental precautions

Risk of physical contamination when spilled (waterways, coastal areas, soils, etc.) due to its floatability and oily consistency; could cause harm to flora and fauna on contact. Prevent material from getting into water outlets.

Decontamination and cleaning: Treat as an accidental oil spillage. Avoid dispersion with mechanical safeguards and remove with physical or chemical means.

A safety data file is available on request.

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