



# REPSOL CARRERA 10W60

## Description

Totally synthetic oil with a mix of PAO and ester bases. As a result of Repsol's experience in motorsport, Carrera 10W60 has been developed especially for high-performance engines. It maximises engine output whilst ensuring protection against friction and the wear that is typical of high-powered engines. Particularly recommended for high-end vehicles produced by manufacturers such as Maserati, Jaguar, Lotus and Aston Martin.

## Properties

- Its ester content dramatically improves the oil's various properties, making it highly suitable for top-of-the-range models.
- Better resistance to oxidation and deposit formation than other oils in its category, guaranteeing cleanliness and therefore the durability of the high-power engines that reach high temperatures.
- Reduced oil consumption, since its composition enables less evaporation in comparison with other oils of similar viscosity.
- Designed to have a lower friction coefficient, thereby gaining a huge reduction in wear and lengthening engine service life, especially in high-power engines.
- Its high viscosity index provides it with excellent fluidity at low temperatures and guarantees engine protection at high temperatures.

## Quality level

- API SM/CF

## Technical characteristics

	UNIT	METHOD	VALUE
SAE Grade	-	-	10W60
Density at 15°C	g/cm <sup>3</sup>	ASTM D 4052	0.8514
Viscosity at 100°C	cSt	ASTM D 445	23.55
Viscosity at 40°C	cSt	ASTM D 445	171
Viscosity at -25 °C	cP	ASTM D 5293	7000 max
Viscosity index	-	ASTM D 2270	171
Flash point, open cup	°C	ASTM D 92	210 min.
Pour point	°C	ASTM D 97	-45
T. B. N.	mg KOH/g	ASTM D 2896	8.2
Sulphated ashes	% in weight	ASTM D 874	0.8
Bosch Injector Shearing at 100°C	cSt	CEC-L-14-93	21.9 min.
Noack Volatility 250°C	% in weight	CEC-L-14-A-93	6.1 %

## ■ Hazard identification

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

## ■ Handling

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

## ■ Health and safety hazards

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**Inhalation:** As this product has low volatility, the risk due to inhalation is minimal.

**Ingestion:** Do not induce vomiting. Drink water. Seek medical advice.

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

**Eyes:** Wash thoroughly with water.

**General measures:** Seek medical advice.

## ■ Fire-fighting measures

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No special measures required.

Fire control: Foams, dry chemicals, CO<sub>2</sub>, water spray. Do not apply water jet directly as this may cause the product to spread.

## ■ Environmental precautions

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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 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 data file is available on request.

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