

# CARRERA 10W60

AUTOMOTIVE

Lubricants



## 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 specifications

|                                   | 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 %     |

A safety data file is available on request.

repsol.com  
+34 901 111 999

Technical data sheet for Lubricants. Revision 1. March 2012