



TOTAL QUARTZ 9000 5W-40

Engine oil

KEY DATA

LIGHT VEHICLE RANGE



PETROL & DIESEL ENGINE OIL

SAE 5W-40

SYNTHETIC TECHNOLOGY

INTERNATIONAL STANDARDS

- ✓ ACEA A3/B4
- ✓ API SN/CF

MANUFACTURER CERTIFICATIONS*

- ✓ PSA PEUGEOT CITROËN B71 2296
- ✓ VW 502.00/505.00
- ✓ BMW LL-01
- ✓ MB-Approval 229.3
- ✓ PORSCHE A 40

Applications

- TOTAL QUARTZ 9000 5W-40 was developed to meet the strictest requirements of **all recent petrol and diesel engines** (AM 2000 and later).
- TOTAL QUARTZ 9000 5W-40 is particularly suitable for **turbo-compressed, multi-valve and direct injection diesel engines**.
- TOTAL QUARTZ 9000 5W-40 meets **the most difficult conditions of use** (motorway, heavy urban traffic, etc.) **during all seasons**.
- TOTAL QUARTZ 9000 5W-40 is perfectly **suited to engines with catalytic converters** and all engines using lead free fuel or LPG.

Customer benefits

- | | |
|-----------------------------------|--|
| Extended change intervals | • Exceptional resistance to oxidation. |
| All conditions of use | • High fluidity at low temperature facilitating cold starts and very resistant oil film even at the highest temperatures. |
| Protection of engine parts | • Protects engine parts and entirely preserves engine power. Thus contributes to preventing ageing and conserving its power. |
| Cleaning of engine parts | • Preserves the cleanliness of the most delicate parts of the engine thanks to its detergent additives and advanced dispersives. |

www.lubrifiants.total.fr

* TOTAL recommends following the manufacturers' recommendations for vehicle maintenance. Refer to the maintenance manuals.

** Official ACEA test: TU3MS.

*** Official ACEA test: TU5

Characteristics*

Test	Unit	Test method	Result
Viscosity grade	-	SAE J300	5W-40
Density at 15°C	Kg/m ³	ASTM D4052	855
Kinematic viscosity at 40°C	mm ² /s	ASTM D445	90
Kinematic viscosity at 100°C	mm ² /s	ASTM D445	14.7
Viscosity index	-	ASTM D2270	172
Pour Point	°C	ASTM D97	-39
OC Flash Point	°C	ASTM D92	230

* The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications.

Recommendations for use

Before using the product, the vehicle's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations.

If possible, the packaging should not be exposed to the elements. Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

Health, safety and the environment

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet. This can be obtained on request from your local reseller and is available for consultation at www.quickfds.fr.

This product should not be used for any purposes other than the ones for which it is intended.

When disposing of the product after use, please protect the environment and comply with local regulations.