



# TOTAL QUARTZ 9000 5W-40

Engine lubricant

## KEY DATA

### LIGHT VEHICLE RANGE



**PETROL & DIESEL ENGINE LUBRICANT**

**SAE 5W-40**

**FULLY-SYNTHETIC**

### INTERNATIONAL STANDARDS

- ✓ ACEA A3/B4
- ✓ API SN/CF

### MANUFACTURER CERTIFICATIONS\*

- ✓ PSA PEUGEOT CITROËN: B71 2296
- ✓ VOLKSWAGEN: 502.00/505.00
- ✓ BMW: LL-01
- ✓ MERCEDEZ-BENZ: MB-Approval 229.3
- ✓ PORSCHE: A40

## APPLICATIONS

**Fully-Synthetic top performance motor oil for petrol, diesel and LPG engines**

- TOTAL QUARTZ 9000 5W-40 has been developed for **petrol and diesel engines**.
- TOTAL QUARTZ 9000 5W-40 is particularly suitable for **turbo-compressed, multi-valve and direct injection engines**.
- TOTAL QUARTZ 9000 5W-40 meets the **most demanding driving conditions** (motorway, heavy urban traffic, etc.) during all seasons.
- TOTAL QUARTZ 9000 5W-40 is perfectly **suited for engines with catalytic converters**.

## CLIENT BENEFITS

- **Extended intervals between oil changes:** TOTAL QUARTZ 9000 5W40's specific formula protects against oxidation. All recommended oil change intervals will be complied with - even the longest.
- **All driving conditions:** Good fluidity at low temperatures for facilitating cold starts, resistant even at the highest temperatures.
- **Optimum engine protection:** Immediate lubrication of all engine components at start-up, even the most fragile.
- **Engine cleanliness:** Detergent and specific dispersive additives.

[www.lubrifiants.total.fr](http://www.lubrifiants.total.fr)

\* The owner's manual should be referred to.

When used in accordance with our recommendations and for the application for which it is intended, this lubricant presents no particular risks. A safety datasheet that in compliance with current EU legislation is available from your sales consultant.

## CHARACTERISTICS

Test	Unit	Test method	Result
Viscosity grade	-	SAE J300	5W40
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298	854.3
Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	82.19
Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	13.60
Viscosity index	-	-	169
Cleveland flashpoint:	°C	ASTM D92	228
Flow point:	°C	ASTM D97	-39

\* 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 manual 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 barrels 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](http://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.

TOTAL LUBRIFIANTS – Immeuble Spazio  
562, avenue du Parc de l'île  
92029 Nanterre cedex  
France

**TOTAL QUARTZ 9000 5W40**

Last update of this datasheet: 01/2009  
Label reference: MPC 01/09

