



# TOTAL QUARTZ 5000 20W-50

Engine oil

## KEY DATA

### LIGHT VEHICLE RANGE



**PETROL & DIESEL ENGINE OIL**

**SAE 20W-50**

### INTERNATIONAL STANDARDS

- ✓ ACEA A3/B3
- ✓ API SL/CF

### MANUFACTURER APPROVALS

- ✓ Meets the technical requirements of **PSA B71 2295**
- ✓ Meets the technical requirements of **MB 229.1**
- ✓ Meets the technical requirements of **VW 501.01 / 505.00**
- ✓ Recommended by **ISUZU**

## APPLICATIONS

TOTAL QUARTZ 5000 20W-50 has been developed to cover the most stringent requirements of both gasoline and diesel engines\* (passenger cars and light industrial vehicles).

TOTAL QUARTZ 5000 20W-50 is particularly suited to turbocharged engines.

This engine oil is perfectly adapted to vehicles equipped with catalysts and using unleaded fuel or liquefied petroleum gas.

TOTAL QUARTZ 5000 20W-50 can be used in all operating conditions (city traffic, road, motorways), whatever the season.

\* The vehicle owner manual should be checked before using.

## CUSTOMER BENEFITS

- **Manufacturers Standards:** TOTAL QUARTZ 5000 20W-50 satisfies rigorous manufacturers' standards (see above), while guaranteeing perfect and constant quality.
- **Resistance to Oxidation:** Thanks to very good antioxidant, antirust, antifoaming properties, TOTAL QUARTZ 5000 20W-50 provides a specific resistance to oxidation.
- **Engine protection and cleanliness:** This oil ensures good engine cleanliness thanks to very high anti-wear and anti-corrosion properties.
- **Viscosity:** TOTAL QUARTZ 5000 20W-50 has a high viscosity index and excellent viscosity stability.

## CHARACTERISTICS\*

Test	Unit	Test method	Result
Viscosity grade	-	SAE J300	20W-50
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298	0.892
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	176.4
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	19.1
Viscosity index	-	ASTM D2270	123
Flashpoint	°C	ASTM D92	240
Pour point	°C	ASTM D97	-24

\* 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](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.