



# TOTAL QUARTZ 9000 ENERGY 0W-30

Engine oil

## KEY DATA

### LIGHT VEHICLE RANGE



**PETROL & DIESEL ENGINE OIL**

**SAE 0W-30**

**SYNTHETIC TECHNOLOGY**

### INTERNATIONAL STANDARDS

- ✓ ACEA A3/B4
- ✓ API SL/CF

### MANUFACTURER APPROVALS

- ✓ MB-Approval 229.5
- ✓ VW 502.00/505.00
- ✓ VOLVO VCC 95200356

## APPLICATIONS

TOTAL QUARTZ 9000 ENERGY 0W-30 is a synthetic technology engine oil that has been developed to cover the most stringent requirements of both gasoline and diesel passenger cars engines. TOTAL QUARTZ 9000 ENERGY 0W-30 is particularly suited to the most recent engines.

This engine oil can be used in the most difficult operating conditions (motorways, city traffic...), and is appropriate for all driving types and for every season.

## CUSTOMER BENEFITS

- **Anti-wear protection:** this oil ensures optimum engine longevity with its anti-wear properties that protect the engine's most sensitive parts.
- **Oxidation resistance:** this lubricant allows extra long drain intervals.
- **Engine protection, cleanliness and performance:** This oil contains detergent and dispersive additives that keep the engine clean and thus preserve its power.
- **Easier cold starts:** TOTAL QUARTZ 9000 Energy 0W-30 is perfectly adapted for cold starting in extreme weather conditions and ensures a good protection of mechanical parts at high temperatures as well.
- **Fuel Savings:** Thanks to its exceptional fluidity, this oil reduces friction and therefore creates significant fuel savings and reduces CO2 emissions.

## CHARACTERISTICS\*

Test	Unit	Test method	Result
Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	68.7
Viscosity at 100°C	mm <sup>2</sup> /s	ASTM 445	12.3
Viscosity index	-	ASTM D2270	170
Pour point	°C	ASTM D97	-45
Flash point Cleveland	°C	ASTM D92	226
B.N.	mgKOH/g	ASTM D2896	10.4

\* 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.