

# TOTAL QUARTZ 9000 ENERGY 0W-30

Engine oil

## KEY DATA

### LIGHT VEHICLE RANGE



GASOLINE & DIESEL ENGINE OIL  
SAE 0W-30  
ADVANCED SYNTHETIC TECHNOLOGY



### INTERNATIONAL STANDARDS

- ACEA A3/B4
- API SL/CF

### MANUFACTURER APPROVALS<sup>1</sup>

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

<sup>1</sup>Please refer to car owner's manual

## TECHNOLOGY

### Age-Resistance technology

**The next gen oil for outstanding protection.**

*Age-Resistance technology provides expert protection, to fight everyday challenges in the long term.*

Age-Resistance technology offers unbeatable engine protection. It's unique combination of hyperactive molecules creates a strong thick oil film on all concerned engine parts. Engines are absolutely protected against a variety of challenges, from wear to oil oxidation even at extreme temperatures.



## APPLICATIONS

TOTAL QUARTZ 9000 ENERGY 0W-30 is an advanced synthetic technology engine oil that has been developed to cover the most stringent requirements of both gasoline and diesel passengers 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.

## CUSTOMERS 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<sup>2</sup>

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	0W-30
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	68.7
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	12.3
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298	850
Viscosity index	-	ASTM D2270	170
Pour point	°C	ASTM D97	-45
OC Flash point	°C	ASTM D92	226

<sup>2</sup> 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 (SDS).

This can be obtained on request from your local reseller and is available for consultation at <http://sdstotalms.total.com>.

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