

# TOTAL QUARTZ 9000 V-DRIVE 0W-20

Engine oil

## KEY DATA

### LIGHT VEHICLE RANGE



PETROL AND DIESEL ENGINE OIL  
SAE 0W-20  
SYNTHETIC TECHNOLOGY  
FUEL ECONOMY



### INTERNATIONAL STANDARDS

- ACEA C5
- API SN

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

- Volvo RBS0-2AE 0W-20

<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 V-DRIVE 0W-20 is a premium, synthetic technology engine oil that lowers friction and provides excellent protection against wear, rust and deposits.

It is particularly suitable for use in VOLVO Drive-E engines, where the manufacturer recommends the usage of the oil approved to VOLVO VCC RBS0-2AE and SAE 0W-20 GRADE.

TOTAL QUARTZ 9000 V-DRIVE 0W-20 offers outstanding fuel economy properties while maximizing engine performance in the long turn.

## CUSTOMERS BENEFITS

- Reducing environmental impact: 3.44% reduction in fuel consumption, as measured by the official ACEA test M111FE.
- Engine protection and cleanliness: This oil contains detergent and dispersive additives and offers excellent protection in its category against wear and deposits.
- Easier cold starts: Easy cold starts due to its extreme fluidity at low temperature.
- Engine performance: TOTAL QUARTZ 9000 V-Drive 0W-20 maximizes short and long term engine performance.

## CHARACTERISTICS<sup>2</sup>

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	0W-20
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	ASTM D1298	48.60
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	9.20
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298	0.858
Viscosity index	-	ASTM D2270	174
Pour point	°C	-	-
OC Flash point	°C	ASTM D92	196

<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.

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**TOTAL QUARTZ 9000 V-DRIVE 0W-20**  
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Some variations can be expected under normal production conditions, but these should not affect the product's expected performance irrespective of the site. The information contained in this document is subject to change without notice. Our products can be viewed on our website at [www.lubricants.total.com](http://www.lubricants.total.com).