

TOTAL QUARTZ 9000 SN 5W-50

Engine oil

KEY DATA

LIGHT VEHICLE RANGE



GASOLINE & DIESEL ENGINE OIL
SAE 5W-50
ADVANCED SYNTHETIC TECHNOLOGY



INTERNATIONAL STANDARDS

- API SN/CF

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 SN 5W-50 is an advanced synthetic engine oil with special protective additives for ultimate level of engine protection that exceeds USA and European industry standards.

TOTAL QUARTZ 9000 SN 5W-50 is recommended for all gasoline engines (multi-valve and turbo types, with or without catalytic converter) and all diesel engines, turbo-charged or naturally aspirated in cars and light vans.

TOTAL QUARTZ 9000 SN 5W-50 designed to provide protection under severe driving style or conditions.

TOTAL QUARTZ 9000 SN 5W-50 is stability and endurance under extreme conditions (heat, load, speed) that can cause conventional oils to break down.

CUSTOMERS BENEFITS

- Ensures excellent engine cleanliness and wear protection for vehicles in city and suburban driving conditions.
- Excellent thermal and oxidation stability.
- Lengthens engine life – a unique combination of advanced synthetic base oil and meticulously selected additives provide freedom of ring sticking , reduction in deposits leading to a reduced engine wear and to a longer engine and component life.
- Low temperature flow properties – Oil circulates rapidly within the engine to maximize cold start up wear. Improves low temperature engine efficiency over conventional oil.

CHARACTERISTICS²

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	5W-50
Kinematic viscosity at 40°C	mm ² /s	ASTM D445	119.6
Kinematic viscosity at 100°C	mm ² /s	ASTM D445	19.45
Density at 15°C	kg/m ³	ASTM D1298	854.6
Viscosity index	-	-	184
Pour point	°C	ASTM D97	-39
OC Flash point	°C	ASTM D92	250

² 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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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.