



TOTAL QUARTZ 9000 ENERGY 5W-30

Engine oil

KEY DATA

LIGHT VEHICLE RANGE



PETROL & DIESEL ENGINE OIL

SAE 5W-30

SYNTHETIC TECHNOLOGY

INTERNATIONAL STANDARDS

- ✓ ACEA A3/B4
- ✓ API SL/CF

MANUFACTURER APPROVALS

- ✓ BMW LL-01
- ✓ VOLKSWAGEN VW 502.00/505.00
- ✓ MERCEDES-BENZ MB-Approval 229.5
(Backward-compatible MB-Approval 229.3)

APPLICATIONS

TOTAL QUARTZ 9000 ENERGY 5W-30 has been developed for all Gasoline engines (multi-valve, turbocharger, with or without catalysts) and all recent Diesel engines - with or without turbo for use on light passenger and commercial vehicles without particulate filters.

It can be used for all journey types (in towns, as well as on major roads and motorways), and is especially suitable for the most demanding service conditions. It is suited to every driving style, especially sporty and high-speed.

TOTAL QUARTZ 9000 ENERGY 5W-30 has been specifically designed to meet manufacturers' requirements with regard to greater intervals between oil changes

Suitable for use in all engines requiring GENERAL MOTORS GM-LL-A/B-025 performance level.

CUSTOMER BENEFITS

- **Antiwear protection:** Ensures excellent protection, particularly against wear of the distribution system
- **Extends engine life:** The outstanding thermal stability and resistance to oxidation of this oil prevent any degradation, even in extreme usage conditions.
- **Engine protection, cleanliness and performance:** This lubricant contains detergent and dispersive additives that keep the engine clean and, thus, preserve its power.
- **Longer oil change intervals:** TOTAL QUARTZ 9000 ENERGY 5W-30 has been specifically designed to meet manufacturers' requirements with regard to greater interval between oil changes.

CHARACTERISTICS*

Test	Unit	Test method	Result
Viscosity grade	-	SAE J300	5W-30
Kinematic viscosity at 40°C	mm ² /s	ASTM D445	70.4
Kinematic viscosity at 100°C	mm ² /s	ASTM D445	12.1
Viscosity index	-	ASTM D2270	170
Flashpoint	°C	ASTM D92	228
Pour point	°C	ASTM D97	-33
T.B.N.	mgKOH/g	ASTM D2896	11

* 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.

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.