TOTAL QUARTZ 9000 FUTURE EcoB 5W-20

Engine oil

KEY DATA

LIGHT VEHICLE RANGE

PETROL ENGINE OIL

SAE 5W-20

SYNTHETIC TECHNOLOGY

FUEL ECONOMY

INTERNATIONAL STANDARDS

- ✓ ACEA C5
- ✓ API SN

MANUFACTURER SPECIFICATIONS

- ✓ Ford WSS-M2C-948-B
- ✓ Jaguar Land Rover STJLR.03.5004

APPLICATIONS

Synthetic technology engine oil that provides the best protection against wear and deposits. The post-treatment systems for petrol engines, which are sensitive to the lubricants used and expensive to maintain, are also protected over the long-term thanks to the product's low phosphorus content. The 5W-20 grade reduces internal friction within the engine as much as possible so that it can deliver full power, while at the same time generating fuel savings.

TOTAL QUARTZ 9000 FUTURE EcoB 5W-20 with specification Ford WSS-M2C-948-B is particularly well-suited for use with Ford's petrol powered engines (except the Ford Ka, Focus ST and Focus RS). This oil is required for the 1.0L 3 cylinder EcoBoost engines.

TOTAL QUARTZ 9000 FUTURE EcoB 5W-20 is advised for use in Jaguar Land Rover vehicles that require Jaguar Land Rover oil approval STJLR.03.5004.

CUSTOMER BENEFITS

- **Reduced environmental impact: 3.55% reduction in fuel consumption,** as measured by the official ACEA test: M111FE.
- **Protection for pollution-control systems:** With its low phosphorus content, this lubricant also optimises the way in which three-way catalytic converters operate, preventing them from getting damaged through poisoning. This reduces NOx, HC and CO in particular.
- **Engine protection and cleanliness:** This oil contains detergent and dispersive additives and offers the best possible protection in its category against wear and deposits.
- **Easier cold starts:** Easy cold starts due to its extreme fluidity at low temperature.

Oil change intervals: To be modified based on the usage, please always refer to the car owner's manual.

CHARACTERISTICS*

Test	Unit	Test method	Result
Viscosity grade	-	SAE J300	5W-20
Density at 15°C	kg/m^3	ASTM D4052	0.851
Kinematic viscosity at 40°C	mm^2/s	ASTM D445	42.44
Kinematic viscosity at 100°C	mm^2/s	ASTM D445	7.94
Pour point	°C	ASTM D97	-36

* 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.

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.lubrifiants.total.fr.