

# TOTAL QUARTZ 9000 NFC 5W-30

Engine oil

## KEY DATA

### LIGHT VEHICLE RANGE



GASOLINE & DIESEL ENGINE OIL  
SAE 5W-30  
ADVANCED SYNTHETIC TECHNOLOGY  
FUEL ECONOMY



### INTERNATIONAL STANDARDS

- ACEA A5/B5
- API SL/CF

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

- FORD WSS-M2C913-D (backward compatible WSS-M2C913-C, WSS-M2C913-B)
- JAGUAR LAND ROVER STJLR.03.5003

<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 NFC 5W-30 is an advanced synthetic technology engine oil that has been developed to cover the most stringent requirements of both gasoline and diesel engines.

TOTAL QUARTZ 9000 NFC 5W-30 is particularly suited to turbocharged, multi-valve and direct injection engines.

This engine oil can be used in the most difficult operating conditions (motorways, dense city traffic...), and for all weather.

TOTAL QUARTZ 9000 NFC 5W-30 is perfectly adapted to all FORD vehicles equipped with catalyts.

TOTAL QUARTZ 9000 NFC 5W-30 is advised for use in Jaguar Land Rover vehicles that require Jaguar Land Rover oil approval STJLR.03.5003.

## CUSTOMERS BENEFITS

- Reduced environmental impact: 3% reduction in fuel consumption compared to a standard 15W-40 reference oil, as measured by the official ACEA test: M111FE.
- 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<sup>2</sup>

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	5W-30
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	54
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	9.8
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298	851
Viscosity index	-	ASTM D2270	170
Pour point	°C	ASTM D97	-36
OC Flash point	°C	ASTM D92	230

<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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Last update of this datasheet: 09/2020

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).