

# TOTAL QUARTZ 9000 XTRA FUTURE XT 0W-16

Engine oil

## KEY DATA

### LIGHT VEHICLE RANGE



GASOLINE ENGINE OIL  
SAE 0W-16  
ADVANCED SYNTHETIC TECHNOLOGY  
XTRA FUEL ECONOMY



### INTERNATIONAL STANDARDS

- API SP
- ILSAC GF-6B

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

- Suitable for Toyota, Honda, Nissan, Mitsubishi

<sup>1</sup>Please refer to car owner's manual

## TECHNOLOGY

### Eco-Science technology

**The effective engine care for maximised performance.**

*Eco-Science technology improves engine life and efficiency, it optimises engine care and lowers fuel consumption.*

Eco-Science technology is the latest breakthrough from Total Lubrificants. Its cutting-edge hyperactive molecules are designed to instantly regenerate and reform themselves, resisting both physical and chemical degradation. Oil oxidation is minimised while fuel economy and engine performance are maximised. Eco-Science technology offers long-lasting cleanliness and protection against ageing as well as significant fuel economies. Less fuel consumed translates to less carbon and particles emissions.



## APPLICATIONS

TOTAL QUARTZ 9000 XTRA FUTURE XT 0W-16 is an advanced synthetic engine oils that provides the best protection against wear and deposits.

The post-treatment systems for gasoline 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.

This fluid engine oil 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. Using this engine oil can help generate fuel savings without the need to change driving style.

These are also suitable for the most demanding driving conditions (door-to-door, sporty driving styles, repeated start-ups, city and motorway driving).

TOTAL QUARTZ 9000 XTRA FUTURE XT products are particularly well-suited for use with the latest "Downsized" engines equipped with Stop & Start technologies and hybrid engines which require very fluid synthetic engine oils.

## CUSTOMERS BENEFITS

- 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 NO<sub>x</sub>, HC and CO in particular.
- Engine protection and cleanliness: This oil offers the best possible protection in its category against wear and deposits as soon as the engine has started up.
- Easier cold starts: These low-viscosity grades, together with special additives, makes cold engine starts easier, even at very low temperatures.
- LSPI Prevention: Its advanced formulation demonstrates robustness when it comes to the Low Speed Premature Ignition prevention. All products from QUARTZ 9000 (XTRA) FUTURE XT series are API SP approved.

## CHARACTERISTICS<sup>2</sup>

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	0W-16
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	36.4
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	7.1
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298	841.6
Viscosity index	-	ASTM D2270	158
Pour point	°C	ASTM D97	-42
OC Flash point	°C	ASTM D92	244

<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.