

# Quartz 9000 Xtra Future FGC 0W-20

## Engine oil

### KEY DATA



#### LIGHT VEHICLE RANGE

GASOLINE ENGINE OIL  
SAE 0W-20  
ADVANCED SYNTHETIC TECHNOLOGY  
XTRA FUEL ECONOMY

#### INTERNATIONAL STANDARDS

- API SQ
- ILSAC GF-7B

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

- GENERAL MOTORS dexos1@Gen3 approved (license number : D330BACJ070)
- FORD WSS-M2C962-A1
- Meets the requirements of Chrysler MS 6395
- Suitable for Toyota, Honda, Nissan, Mitsubishi, Suzuki, Subaru, Mazda
- Suitable for Hyundai and Kia

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

### TECHNOLOGY

#### Eco-Science technology

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

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

Eco-Science technology is the latest breakthrough from TotalEnergies Lubrificants. Its cutting-edge hyperactive molecules are designed to instantly regenerate and reform themselves, resisting both physical and chemical degradation. Oil oxidation is minimized while fuel economy and engine performance are maximized.

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

Quartz 9000 Xtra Future FGC 0W-20 is an advanced synthetic technology engine oil that provides ultimate protection against wear and deposits and that has now exceeds the latest API SQ and ILSAC GF-7B sequences. Its new enhanced formulation makes it an excellent solution to control LSPI (low speed premature ignition) while maintaining high level of detergency to keep engines clean.

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.

This fluid engine oil reduces internal frictions within the engine as much as possible so that it can deliver full power, while at the same time generate significant fuel savings. This engine oil is also suitable for the most demanding driving conditions (door-to-door, sporty driving styles, repeated start-ups, city and motorway driving).

Quartz 9000 Xtra Future FGC 0W-20 is particularly well-suited for use with the latest "Downsized" engines equipped with Stop & Start technologies and hybrid engines which require the newest fluid and synthetic engine oils. This oil is a "must have" product for after-sale outlets as it has official approvals for many passenger car brands and additional performance levels thanks to the backward compatibility of API and ILSAC sequences for older vehicles and former engine technologies.

## CUSTOMERS BENEFITS

- 💧 Reduced environmental impact: Significant FUEL ECONOMY performances measured by the official ILSAC test: sequence VI D.
- 💧 Protection for pollution-control systems: With its low phosphorus content, this lubricant also optimizes 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: This 0W-20 grade, together with special additives, makes cold engine starts easier, even at low temperatures.

## CHARACTERISTICS<sup>2</sup>

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	0W-20
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	43.5
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	8.2
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298	861.3
Viscosity index	-	ASTM D2270	166
Pour point	°C	ASTM D97	-45
OC Flash point	°C	ASTM D92	228

<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 <https://ms-sds.totalenergies.com>.

This product should not be used for any purposes other than the ones for which it is intended.



**TotalEnergies**

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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.totalenergies.com](http://www.lubricants.totalenergies.com).