

# Quartz 5000 Future XT 5W-20

Engine oil

## KEY DATA



### LIGHT VEHICLE RANGE

GASOLINE ENGINE OIL

SAE 5W-20

HIGH PERFORMANCE TECHNOLOGY

FUEL ECONOMY

### INTERNATIONAL STANDARDS

- API SP
- ILSAC GF-6A

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

- Ford WSS-M2C960-A1
- Meets the technical requirements of many other American and Asian Manufacturers in particular.

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

## TECHNOLOGY

### Clean-Shield technology

**The effective engine cleaning technology.**

*Thanks to advanced detergent molecules designed to capture and isolate dirt such as sludge and soots, Clean Shield technology keeps engines clean in the long term.*

Fighting against this major cause of breakdowns, Quartz with Clean Shield technology is the oil of choice across the globe to guarantee engine cleanliness during the entire drain interval and after oil change.



## APPLICATIONS

Reference engine oil for after-sales: these formulations exceed the latest API's and ILSAC's new sequences. These formulas are fully backward-applicable with previous sequences. These oils can be used with the vast majority of engines outside of Europe, from the newest to the oldest generations.

These new mineral-based formulations provide protection against clogging at all levels. The petrol engine and post-treatment system components that use them (such as three-way catalytic converters) are given long-term protection. The SAE 5W-20 viscosity 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. Using these engine oils can help generate fuel savings without the need to change driving style. They are suited to normal driving conditions.

## CUSTOMERS BENEFITS

- 💧 Reduced environmental impact: Significant reduction in fuel consumption measured by the official ILSAC test: sequence VI D.
- 💧 Protection for pollution-control systems: With their low phosphorus content, these lubricants optimize the way in which three-way catalytic converters work, preventing them from getting clogged up with soot.
- 💧 This reduces emissions of NOx, HC and CO in particular Easier cold starts: Cold engine starts are easier, even at low temperatures

## CHARACTERISTICS<sup>2</sup>

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	5W-20
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	49.1
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	860
Viscosity index	-	ASTM D2270	141
Pour point	°C	ASTM D97	-42
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 <https://ms-sds.totalenergies.com>.

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



TotalEnergies Lubricants / Last update of this datasheet: August 22 / Quartz 5000 Future XT 5W-20

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).