

TOTAL QUARTZ 5000 FUTURE XT 5W-20, 5W-30, 10W-30

Engine oil

KEY DATA

LIGHT VEHICLE RANGE

GASOLINE ENGINE OIL

SAE 5W-20, 5W-30, 10W-30

Improved Mineral Technology

FUEL ECONOMY

INTERNATIONAL STANDARDS

- ✓ **API SN/CF & ILSAC GF-5**
- ✓ **Backward compatible API SM, SL, SJ & ILSAC GF-4, GF-3, GF-2**

APPROVALS*:

GM 6094M for 5W-20, 5W-30 and 10W-30 grades

FORD WSS-M2C945-A for 5W-20 grade

FORD WSS-M2C946-A for 5W-30 grade

MANUFACTURER PERFORMANCE LEVELS*

Meets the technical requirements of many other American and Asian Manufacturers.

APPLICATIONS

Reference engine oil for after-sales: these formulations exceed the 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 improved mineral-based formulations provide **protection against clogging** at all levels. The **gasoline engine and post-treatment system** components that use them (such as three-way catalytic converters) are given long-term protection.

The 5W-20, 5W-30 and 10W-30 grades reduce 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.

CUSTOMER BENEFITS

- **Reduced environmental impact:** above **2.6% reduction in fuel consumption** (for the 5W-20 grade) measured by the official ILSAC test: sequence VI D. It guarantees compliance with all the performance levels claimed by brands such as FORD, CHRYSLER, HONDA, TOYOTA and MITSUBISHI in relation to environmental standards.
- **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:** In particular, the 5W-20 grade makes cold engine starts easier, even at low temperatures.
- **Oil change intervals:** To be modified based on usage. Always refer to the service manual.

* Consult the vehicle service manuals in order to ensure compliance with manufacturers' recommendations

Characteristics*

Test	Unit	Test method	Result	Result	Result
Viscosity grade	-	SAE J300	5W-20	5W-30	10W-30
Density at 15°C	kg/m^3	ASTM D1298	859	856	860
Kinematic viscosity at 40°C	mm2/s	ASTM D445	51.1	61.1	64.5
Kinematic viscosity at 100°C	mm2/s	ASTM D445	8.77	10.1	10.5
Viscosity index	-	ASTM D2270	150	152	140
Pour point	°C	ASTM D97	-46	-43	-39
OC Flash point	°C	ASTM D92	223	222	227

* 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.

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