

TOTAL QUARTZ 5000 FUTURE GF5 10W-30

Engine Oil

KEY DATA

LIGHT VEHICLE RANGE



GASOLINE ENGINE OIL
SAE 10W-30
HIGH PERFORMANCE TECHNOLOGY
FUEL ECONOMY



INTERNATIONAL STANDARDS

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

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, TOTAL 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

TOTAL QUARTZ 5000 FUTURE GF5 10W-30 is a multi-grade engine oil, designed to suit lubrication requirements of recent and older passenger car engines. Suitable for gasoline and diesel not equipped with diesel particulate filters.

TOTAL QUARTZ 5000 FUTURE GF5 10W-30 is formulated with mineral base oils to provide high oxidation stability. This engine oils is designed to enhance the fuel economy aspect on vehicles. The formula meet the low volatility requirements of ILSAC GF-5 for improving engine cleanliness and reducing oil consumption.

CUSTOMERS BENEFITS

- TOTAL QUARTZ 5000 FUTURE GF5 10W-30 enhance the engine performances.
- Product can be used for all high performance gasoline engine cars equipped with direct-injection, multi-valve, and turbo-charged technologies.
- Official fuel economy results compared to standard engine oils.
- Protection of three way catalyst thanks to reduced contents of phosphorus in the lubricant, while other standard formulations may poison post-treatment devices.

CHARACTERISTICS²

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	10W-30
Kinematic viscosity at 40°C	mm ² /s	ASTM D445	63,1
Kinematic viscosity at 100°C	mm ² /s	ASTM D445	9,7
Density at 15°C	kg/m ³	ASTM D1298	868
Viscosity index	-	ASTM D2270	136
Pour point	°C	ASTM D97	-39
OC Flash point	°C	ASTM D92	236

² 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.

TOTAL LUBRIFIANTS – Immeuble Spazio
562, avenue du Parc de l'île
92029 Nanterre cedex
France

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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.total.com.