



# TOTAL QUARTZ 5000 FUTURE GF5 10W-30

Engine Oil

## KEY DATA

### PASSENGER CAR RANGE



### INTERNATIONAL SPECIFICATIONS

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

Engine Motor Oil

SAE 10W-30

MINERAL TECHNOLOGY

## 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 petrol 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.

## CLIENTS 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

## CHARACTERISTICS\*

Tests	Unit	Test method	Result
Grade	-	SAE J300	10W-30
Density at 15 °C	kg/m <sup>3</sup>	ASTM D1298	868
Kinematic viscosity at 40 °C	mm <sup>2</sup> /s	ASTM D445	63,1X
Kinematic viscosity at 100 °C	mm <sup>2</sup> /s	ASTM D445	9,7
Viscosity index	-	ASTM D2270	136
Pour point	°C	ASTM D97	-39
Flash point COC	°C	ASTM D92	236

\*The characteristics given above are obtained a standard tolerance threshold during production and may not be considered specifications.

## RECOMMENDATIONS FOR USE

Before using the product, the vehicle's maintenance manual 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 barrels 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 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](http://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.