



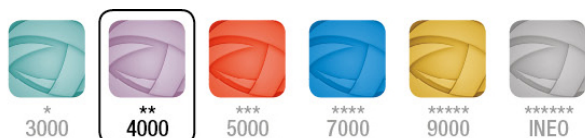
TOTAL

TOTAL QUARTZ 4000 SM 10W-40, 20W-50

Engine oil

KEY DATA

PASSENGER CAR RANGE



INTERNATIONAL STANDARDS

- ✓ API SM / CF
- ✓ Backward compatible API SL, SJ and SH / CF

PETROL & DIESEL ENGINE OIL

10W-40, 20W-50

Mineral based engine oil

APPLICATIONS*

TOTAL QUARTZ 4000 engine oils are available in after-sales.

These engine oils are particularly well-suited for hot countries with medium to high temperatures.

These oils can be used with petrol or diesel engine technologies without particulate filters and engines built prior to 2004 and designed for use with mineral oils in these viscosities.

These formulations are suitable for normal driving conditions.

TOTAL QUARTZ 4000 provides engines with protection against deposits.

CUSTOMER BENEFITS

- **Protects engines against wear:** Keeps moving engine parts separate
- **"Viscous" formula** well-suited to long stays in **hot countries**(20W-s for example)
- **Oil film able to withstand high operating temperatures**
- **Protects engines against deposits.**
- Standard drain interval.

CHARACTERISTICS*

Test	Unit	Test method	Result	
Viscosity grade	-	SAE J300	10W-40	20W-50
Density at 15°C	kg/m ³	ASTM D1298	-	-
Kinematic viscosity at 40°C	mm ² /s	ASTM D445	-	-
Kinematic viscosity at 100°C	mm ² /s	ASTM D445	-	-
Viscosity index	-	ASTM D2270	-	-
Pour point	°C	ASTM D97	-	-
OC Flash point	°C	ASTM D92	-	-

* 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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