



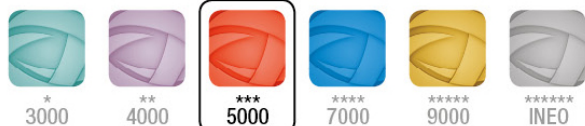
TOTAL

TOTAL QUARTZ 5000 SN 10W-40; 15W-40 ; 15W-50; 20W50

Engine Oil

KEY DATA

PASSENGER CAR RANGE



INTERNATIONAL SPECIFICATIONS

- ✓ SN/CF
- ✓ Backward compatible API SM, SL, SJ

Engine Motor Oil

SAE 10W-40; 15W-40 ; 15W-50; 20W-50

MINERAL TECHNOLOGY

APPLICATIONS

TOTAL QUARTZ 5000 SN are premium high performance multi-grade oils for passenger car, designed to exceed recent engine lubrication requirements for mineral engine oils.

These products are developed for both gasoline and diesel passenger car engines not equipped with diesel particulate filters.

These oils are suitable for a wide range of applications (city traffic, road, motorways), and in all seasons.

These lubricants exceed the latest API specifications and are fully backward compatible. It can service a very wide number of engines in maintenance operations

CLIENTS BENEFITS

- The product enhances **the engine performances**
- Real **long-term protection** of engine parts against wear (distribution, rings, plunger and liner) increasing overall engine life.
- This product **meets vast ranges of car manufacturer's requirements.**
- **Standard oil change intervals**
- High thermal and oxidation stability

CHARACTERISTICS*

Tests	Unit	Test method	10W-40	20W-50
Density at 15 °C	kg/m ³	ASTM D1298	868.4	883.3
Kinematic viscosity at 40 °C	mm ² /s	ASTM D445	90.48	156.8
Kinematic viscosity at 100 °C	mm ² /s	ASTM D445	13.59	17.85
Viscosity index	-	ASTM D2270	152	126
Pour point	°C	ASTM D97	-33	-30
Flash point COC	°C	ASTM D92	238	248

*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.

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.