Quartz 4000 SL SAE 50

Engine oil

KEY DATA

LIGHT VEHICLE RANGE

GASOLINE & DIESEL ENGINE OIL
SAE 50
HIGH PERFORMANCE TECHNOLOGY

INTERNATIONAL STANDARDS

- API SL / CF
- Backward compatible API SJ and SH / CF

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, 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

Quartz 4000 SAE 50 engine oils available in after-sales.
These engine oils are particularly well-suited for hot countries where high temperatures call for viscous engine oils.
These monograde oils can be used with petrol or diesel engine technologies without particulate filters and engines built prior to 2001 and designed for use with monograde 40 or 50 oils.
These formulations are suitable for normal driving conditions.
Quartz 4000 SAE 50 provides engines with protection against deposits.

CUSTOMERS BENEFITS

- Protects engines against wear: Keeps moving engine parts separate.
- "Viscous" formula well-suited to long stays in hot countries.
- Oil film able to withstand high operating temperatures.
- Protects engines against deposits.

CHARACTERISTICS[2]

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	SAE 50
Kinematic viscosity at 40°C	mm^2/s	ASTM D445	197
Kinematic viscosity at 100°C	mm^2/s	ASTM D445	17.5
Density at 15°C	kg/m^3	ASTM D4052	899
Viscosity index	-	ASTM D2270	95
Pour point	°C	ASTM D5985	-
OC Flash point	°C	ASTM D92	235

[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 https://ms-sds.totalenergies.com.

This product should not be used for any purposes other than the ones for which it is intended.

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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.totalenergies.com.