

# Quartz 5000 20W-50

Engine oil

## KEY DATA



### LIGHT VEHICLE RANGE

GASOLINE & DIESEL ENGINE OIL  
SAE 20W-50  
HIGH PERFORMANCE TECHNOLOGY

### INTERNATIONAL STANDARDS

- ACEA A3/B3
- API SL/CF

### MANUFACTURER APPROVALS <sup>1</sup>

Meets the requirements of:

- MB 229.1
- PSA B71 2295
- VW 501.01/505.00

<sup>1</sup> Please refer to car owner's manual

## 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 5000 20W-50 has been developed to cover the most stringent requirements of both gasoline and diesel engines (passenger cars and light industrial vehicles).

Quartz 5000 20W-50 is particularly suited to turbocharged engines.

This engine oil is perfectly adapted to vehicles equipped with catalysts and using unleaded fuel or liquefied petroleum gas.

Quartz 5000 20W-50 can be used in all operating conditions (city traffic, road, motorways), whatever the season.

## CUSTOMERS BENEFITS

- Manufacturers Standards: Quartz 5000 20W-50 satisfies rigorous manufacturers' standards (see above), while guaranteeing perfect and constant quality.
- Resistance to Oxidation: Thanks to very good antioxidant, antirust, antifoaming properties, Quartz 5000 20W-50 provides a specific resistance to oxidation.
- Engine protection and cleanliness: This oil ensures good engine cleanliness thanks to very high anti-wear and anti-corrosion properties.
- Viscosity: Quartz 5000 20W-50 has a high viscosity index and excellent viscosity stability.

## CHARACTERISTICS<sup>2</sup>

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	20W-50
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	176.4
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	19.1
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298	892
Viscosity index	-	ASTM D2270	123
Pour point	°C	ASTM D97	-24
OC Flash point	°C	ASTM D92	240

<sup>2</sup>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.

