

QUARTZ 4000 20W50



TOTAL

Data sheet

Multigrade engine oil for passenger cars

APPLICATIONS

Gasoline/Diesel engines

- **Total Quartz 4000 20W50** is suited to the requirements of both gasoline and diesel engines (passenger cars and light industrial vehicles).
- **Total Quartz 4000 20W50** is suited to turbo-charged engines.
- **Total Quartz 4000 20W50** can be used in all operating conditions (city, traffic, road, motorways), whatever the season.
- **Total Quartz 4000 20W50** is adapted to vehicles equipped with catalysts and using unleaded fuel.

PERFORMANCES

Technical Specification

- Gasoline: API SG
CCMC G4
- Diesel: API CD
CCMC PD2

CUSTOMER BENEFITS

Technical Benefits

- High viscosity index
- Very high thermal stability
- Very good dispersancy and detergency
- Very good anti-wear properties perfectly protecting the engine.
- Very good anti-corrosion, anti-rust, anti-foaming properties.
- Reduces the risk of destructive pre-ignition

CHARACTERISTICS

Total Quartz 4000	Method	Units	SAE 20W50
Volumetric mass at 15°C	ASTM D1298	kg/m ³	883
Viscosity at 40°C	ASTM D445	mm ² /s	168
Viscosity at 100°C	ASTM D445	mm ² /s	17.80
Viscosity Index	ASTM D2270	-	117
Pour Point	ASTM D97	°C	-21
Flash Point	ASTM D92	°C	235

The typical characteristics mentioned represent mean values.

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This lubricant, when used according to our recommendations and for the purpose for which is intended, presents no particular hazards. A safety data sheet complying with current EC legislation can be obtained from your local commercial adviser.