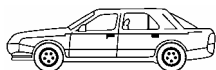


QUARTZ 5000 20W-50



Multigrade oil for gasoline and diesel engines

USES

- **TOTAL QUARTZ 5000 20W-50** has been developed to cover the requirements of both gasoline and diesel engines (passenger cars and light industrial vehicles).
- **TOTAL QUARTZ 5000 20W-50** is suited to turbo-charged engines
- **TOTAL QUARTZ 5000 20W-50** can be used in all operating conditions (city traffic, road, motorways), whatever the season.
- **TOTAL QUARTZ 5000 20W-50** is adapted to vehicles equipped with catalysis and using unleaded

PERFORMANCES

Specifications	ACEA API	A2/B2 SL/CF
OEMs	PSA PEUGEOT CITROEN	Gasoline and Diesel

CUSTOMER BENEFITS

- Meets the ACEA requirements, guarantee of a high and constant quality for the lubricant.
- Multigrade oil.
- High viscosity index.
- Excellent viscosity stability.
- Excellent detergency and dispersancy.
- Very high antiwear and anticorrosion properties.
- Very good antioxidant, antirust, antifoaming properties.

CHARACTERISTICS

TOTAL QUARTZ 5000 20W-50	Units	SAE Grade 20W-50
Volumetric mass at 15°C	kg/m ³	893,4
Viscosity at 40°C	mm ² /s	171,3
Viscosity at 100°C	mm ² /s	18,8
Viscosity index	-	124
Flash point Cleveland	°C	247
Pour point	°C	-24

The typical characteristics mentioned represent mean values.

TOTAL LUBRIFIANTS
16, rue de la République
92800 PUTEAUX
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QUARTZ 5000 20W-50
April 2004
MPC / 04/04



This lubricant, when used in accordance with our recommendations and for the application for which it is intended, does not constitute a special hazard
A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant