

# QUARTZ 5000



TOTAL



## MULTIGRADE OIL FOR GASOLINE AND DIESEL ENGINES

### USES

- **TOTAL QUARTZ 5000** has been developed to cover the requirements of both gasoline and diesel engines (passenger cars and light industrial vehicles).
- **TOTAL QUARTZ 5000** is suited to turbo-charged engines.

- **TOTAL QUARTZ 5000** can be used in all operating conditions (city traffic, road motorways), whatever the season.
- **TOTAL QUARTZ 5000** is adapted to vehicles equipped with catalysts and using unleaded fuel.

### PROPERTIES

- Super multigrade
- Very high viscosity index operation.
- Excellent thermal stability.
- Excellent disperancy and detergency.
- Very high antiwear properties perfectly protecting the engine.
- Very good anticorrosion, antirust, antifoaming properties
- Reduces the risk of destructive pre-ignition.

### CHARACTERISTICS

QUARTZ 5000	Units	SAE Grades 20W-50
Volumetric mass at 15°C	kg/m <sup>3</sup>	893
Viscosity at 40°C	mm <sup>2</sup> /s	150.6
Viscosity at 100°C	mm <sup>2</sup> /s	17.10
Viscosity index	-	120
Flash point Cleveland	°C	190°
Pour Point Cleveland	°C	-21
TBN		9.6

*The typical characteristics mentioned represent mean values.*

### SPECIFICATIONS

API SJ / CF  
ACEA A2/B2-98

PSA PEUGEOT CITROEN ESSENCE  
PAS E Laval 1  
VW 501.01 / 505.00  
MB 229.1