



QUARTZ 9000 0W40

**FULLY SYNTHETIC MULTIGRADE OIL
FOR GASOLINE AND DIESEL ENGINES**

USES

- **TOTAL QUARTZ 9000 0W40** has been developed to cover the most stringent requirements of both gasoline and diesel engines.
- **TOTAL QUARTZ 9000 0W40** is particularly suited to turbo-charged and multi-valved engines.

- **TOTAL QUARTZ 9000 0W40** can be used in the most difficult operating conditions (motorways, dense city traffic...), whatever the season.
- **TOTAL QUARTZ 9000 0W40** is perfectly adapted to all vehicles equipped with catalysts and using unleaded fuel or liquefied petroleum gas.

PROPERTIES

- **TOTAL QUARTZ 9000 0W40** meets the API SJ and ACEA A3/B3 requirements, guarantee of an high and constant quality for the lubricant.
- **TOTAL QUARTZ 9000 0W-40** had successful results with the API SH EC II test, ensuring an appreciable fuel economy.
- **TOTAL QUARTZ 9000 0W-40**, thanks to its fully synthetic formulation, has an exceptional viscosity index.
- **TOTAL QUARTZ 9000 0W40** ensures easy cold starts

- and fuel economies due to its extreme fluidity at low temperature; and maintains a very resistant oil film even at high temperature, because of its exceptional thermal stability.
- **TOTAL QUARTZ 9000 0W40** protects mechanical parts and fully preserves the engine power, thus contributing to its youth and strength.
- **TOTAL QUARTZ 9000 0W40** keeps the engine's most sensitive parts clean thanks to its advanced detergent and dispersive additivation.

CHARACTERISTICS

QUARTZ 9000 0W40	Units	SAE Grade 0W-40
Volumetric mass at 15°C	kg/m ³	847
Viscosity at 40°C	mm ² /s	75
Viscosity at 100°C	mm ² /s	13
Viscosity index	-	176
Flash point Cleveland	°C	232
Pour point	°C	-55

The typical characteristics mentioned represent mean values.

SPECIFICATIONS

API SJ/CF
ACEA A3/B3

PSA PEUGEOT CITROEN GASOLINE
MB 229.1
VOLKSWAGEN 500.00/505.00

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



01/15/2004 cancels and replaces 09/07/2003
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