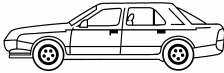


QUARTZ 7000 15W-50



Synthetic based oil for Gasoline and Diesel engines

USES

- **TOTAL QUARTZ 7000 15W-50** has been developed to cover the requirements of both gasoline and diesel engines (passenger cars and light industrial vehicles).
- **TOTAL ACTIVATED 7000 15W-50** assures an optimal protection of the engine against the wear .
- **TOTAL ACTIVATED 7000 15W50** prolongs the life cycle of the engine thanks to a good cleanliness.
- **TOTAL QUARTZ 7000 15W-50** is perfectly suited to turbo-charged and multi-valved engines.
- **TOTAL QUARTZ 7000 15W-50** is perfectly suited to **normal driving conditions (few use in town)**.
- **TOTAL QUARTZ 7000** is perfectly adapted to vehicles equipped with catalysts and using unleaded fuel or liquefied petroleum gas.

PERFORMANCES

Specifications	ACEA 2007	A3/B4
	API	SL/CF
OEMs	PEUGEOT CITROËN	PSA PEUGEOT CITROEN B712294
	MB	229.1
	VW	501.01/505.00

CUSTOMER BENEFITS

- Satisfies the standards of the most demanding manufacturers (BMW, VW, PSA), what is the guarantee of a **perfect and constant quality of this lubricant**.
- Technology, in wide scale of viscosity, allowing **to associate the qualities of light oils** (protection of the cold engine, from the starting up) **and viscous oils** (perfect hot lubrication, poor consumption of oil), grace with an original cocktail of oil on bases of synthesis, formulated by the TOTAL research.
- Excellent **dispersives and detergent properties** maintaining the cleanliness of the engine and its performances.
- Excellent **anti-wear properties protecting the most sensitive details of the engine**.

CHARACTERISTICS

TOTAL QUARTZ 7000	Units	SAE Grade 15W-50
Volumetric mass at 15°C	kg/m ³	893.4
Viscosity at 40°C	mm ² /s	170.6
Viscosity at 100°C	mm ² /s	18,7
Viscosity index	-	147
Flash point Cleveland	°C	252
Pour point	°C	-30

The typical characteristics mentioned represent mean values.

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QUARTZ 7000 15W50
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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