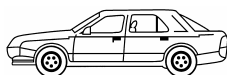


QUARTZ 505.01 5W-40



Very high performance lubricant from TOTAL Synthetic Technology for Gasoline and Diesel car engines, and in particular for Volkswagen TDI direct injection Diesel engines fitted with pump-injector.

APPLICATIONS

Gasoline and Diesel engines

- Recommended for Gasoline and Diesel engines of passenger cars and light commercial vehicles.
New VW direct injection Diesel engines fitted with pump-injector

Refer to the maintenance book of your vehicle to know the recommendation of the manufacturer.

PERFORMANCES

Normes

ACEA 2004 : A3/B4

API : SL/CF

Approvals

VOLKSWAGEN : VW 502.00 / VW 505.00 / 505.01(2005)

CUSTOMER BENEFITS

Reduced wear

Enhanced thermal stability

Thanks to its exceptional qualities, TOTAL QUARTZ 505.01 5W-40 provides:

- easy starting in all weathers,
- reduced friction particularly during cold starts, ensuring better lubrication of the engine components,
- better detergency,
- reduced wear,
- enhanced thermal stability preventing any degradation even in very severe conditions,
- excellent protection of the engine particularly against wear at the distribution level,
- special suitability for VW direct-injection Diesel engines fitted with pump-injectors.

CHARACTERISTICS

The typical characteristics mentioned represent mean values.

TOTAL QUARTZ 505.01 5W-40	Method	Units	SAE Grade 5W-40
Density at 15°C	ASTM D1298	kg/m ³	852
Viscosity at 40°C	ASTM D445	mm ² /s	85,3
Viscosity at 100°C	ASTM 445	mm ² /s	14,2
Viscosity Index	ASTM D2270	-	172
Pour Point	ASTM D97	°C	-45
Flash Point	ASTM D92	°C	236

TOTAL LUBRIFIANTS
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92800 PUTEAUX
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QUARTZ 505.01 5W-40
Version Nov. 06
MPC/11/06



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