

# QUARTZ 9000 ENERGY 0W-30



**100% synthetic lubricant, TOTAL technology, very high performances dedicated to the lubrication of Gasoline and Diesel passengers cars engines.**

## USES

**Most recent engines**

**The most severe courses**

**Sporting driving, all seasons**

- Can be used for all Gasoline and Diesel engines, especially for the most recent engines. The vehicle owner manual should be checked before using.
- Satisfy the most difficult using conditions (city, road, motorway).
- Is appropriated for all driving types, in particular for sporting or intense drive and for every season.

## PERFORMANCES

**Specifications**

ACEA : A3/B4 and API : SL/CF

**Car manufacturers approvals**

**A very rich profile, exceeding the technical demands of the biggest carmakers.**

**Most recent approvals applying at least to 15 vehicle brands :**

MERCEDES-BENZ : MB -Approval 229.5 backward compatible MB-Approval 229.3

BMW : BMW LL-01 (BMW, Mini...)

VOLKSWAGEN : 502.00/505.00 (VW, Audi, Seat, Skoda...)

GENERAL MOTORS : GM-LLA025 / B025 (Level)  
(Opel, Saab, Vauxhall, Chevrolet...)

## CLIENTS BENEFITS

**Antiwear protection**

**Oxidation resistance**

**Keep the engine clean**

**Low and high temperature resistance**

**Fluidity**

**Respect environment**

100% synthetic oil for an **high and constant quality for the lubricant.**

- Optimum engine longevity: antiwear properties **protecting the engine's most sensitive parts.**
- Extra long drain intervals
- Performance and power : excellent **dispersancy and detergency keeping the engine clean and thus preserving its power.**
- Easier Cold start: its **exceptional fluidity** is perfectly adapted for cold starting in extreme conditions and ensures a good protection of the parts in high temperature.
- Its exceptional fluidity reduces frictions and therefore creates **significant fuel savings**, which **reduces CO2 emissions.**
- Respects environment and decreases pollution, as well on the level of the engine as of the exhaust system, **by reducing the emissions of CO2 and polluting emissions .**

## CHARACTERISTICS

TOTAL QUARTZ 9000 ENERGY 0W-30	Méthods	Units	Grade 0W-30
Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	68,45
Viscosity at 100°C	ASTM 445	mm <sup>2</sup> /s	12,18
Viscosity index	ASTM D2270	-	170
Pour point	ASTM D97	°C	-45
Flash point Cleveland	ASTM D92	°C	226
B.N.	ASTM D2896	mgKOH/g	8,8

*The values of the characteristics appearing in this table are typical values given as an indication.*

TOTAL LUBRIFIANTS  
562 Avenue du Parc de l'île  
92600 Nanterre cedex

QUARTZ 9000 0W-30  
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This lubricant used according to our recommendations and for its designed application does not represent any particular risk. A safety data sheet in conformity with the legislation now current in the EC is available from our local sales advisor.