

QUARTZ ENERGY 9000 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 2007 : 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 page 229.5 (MB, Chrysler...)
BMW : BMW Longlife 01 (BMW, Mini...)
VOLKSWAGEN : 502.00/505.00 (VW, Audi, Seat, Skoda...)
GENERAL MOTORS : GM-LLA025 / B025 (Level)
(Opel, Saab, Vauxhall, Chevrolet...)
RENAULT : Essence et Diesel
PEUGEOT, CITROEN : Essence et Diesel – PSA E05/D05 Niv 3

CLIENTS BENEFITS

Antiwear protection

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

Oxidation resistance

- Optimum engine longevity: antiwear properties **protecting the engine's most sensitive parts.**
- Extra long drain intervals

Keep the engine clean

- Performance and power : excellent **dispersancy and detergency keeping the engine clean and thus preserving its power.**

Low and high temperature resistance

- 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.

Fluidity

- Its exceptional fluidity reduces frictions and therefore creates **significant fuel savings, which reduces CO2 emissions.**

Respect environment

- 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 ENERGY 9000 0W-30	Méthods	Units	Grade 0W-30
Viscosity at 40°C	ASTM D445	mm ² /s	68,45
Viscosity at 100°C	ASTM 445	mm ² /s	12,18
Viscosity index	ASTM D2270	-	170
Pour point	ASTM D97	°C	-54
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
16, rue de la République
92800 PUTEAUX
1/2

QUARTZ ENERGY 9000 0W-30
Sheet updated : 01/08
Sticker reference: MPC /03/07



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.

TOTAL LUBRIFIANTS
16, rue de la République
92800 PUTEAUX
2/2

QUARTZ ENERGY 9000 0W-30
Sheet updated : 01/08
Sticker reference: MPC /03/07



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.