# **QUARTZ 9000 0W-30**





An exceptionally high-performance 100% synthetic lubricant designed for gasoline and diesel engines

#### **APPLICATIONS**

- The latest engine models
- The most demanding journeys
- Sporty, all-season driving
- Appropriate for all gasoline and diesel engines on passenger vehicles and light utility vehicles, the most recent models in particular
- Performs in even the most demanding driving conditions (city traffic, major roads, motorways)
- Suited to every kind of driving, especially sporty, high-speed and all-season driving

### **PERFORMANCE**

International Standards: ACEA: A5/B5-10 and API: SL/CF

OEM approvals\* Meets VOLVO requirements

## **Customer benefits**

- Protection against wear
- Engine cleanliness
- Resistance at low temperatures
- Fuel economy\*\*
- Environment

- Engine longevity: Excellent anti-wear properties to protect the most sensitive engine components
- Especially long oil change intervals
- Performance and power: Excellent dispersion and detergent properties for maintaining a clean, high-performing engine
- The "0W-" grade ensures extra-high fluidity and easy starts even in very cold temperatures
- Exceptional fluidity: reduced friction generates significant fuel savings: fuel economy were measured at 2.6% during official M111FE testing
- Friendly to the environment, the CO<sub>2</sub> emissions are reduced by a lower fuel consumption.

### **SPECIFICATIONS**

TOTAL QUARTZ 9000 0W-30	Method	Units	0W-30 grade
Kinematic viscosity at 40°C	ASTM D445	mm2/s	68.45
Kinematic viscosity at 100°C	ASTM 445	mm2/s	12.18
Viscosity index	ASTM D2270	-	170
Pour point	ASTM D97	°C	-45
OC flash point	ASTM D92	°C	226
TBN	ASTM D2896	mgKOH/g	8.8

The specification values appearing in this table are typical values provided for informational purposes only.

TOTAL LUBRICANTS Le Spazio 562 Avenue du Parc de L'ILE 92026 Nanterre Cedex, France

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<sup>\*</sup>Refer to the vehicle owner's manual