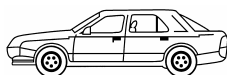


QUARTZ 7000 15W-50



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.

TOTAL LUBRIFIANTS
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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