

QUARTZ 5000 SM 10W30



Data sheet

Premium high performance multigrade oil for passenger car engine

APPLICATIONS

Gasoline / diesel engine cars

- A premium high performance multigrade engine oil formulated to provide wide temperature range engine protection than is required by ILSAC GF-4 or API SM/CF and is specially formulated to provide extra protection against the harmful effects of stop-and-go driving and high and low temperature engine operation.
- Recommended for all petrol engines (multi-valve and turbo types, with or without catalytic converter) and all diesel engines, turbo-charged or naturally aspirated in cars and light vans. Specially suited where lower viscosity oil is recommended.

PERFORMANCES

International specifications

- API SM/CF (API Donut)
- ILSAC GF-4 (Starburst Certification Symbol)

Recommended for use

- Ford, GM, PSA, BMW, VW, Audi and Mercedes-Benz

CUSTOMER BENEFITS

Optimised performance

- High level of detergency/dispersancy minimizes low temperature sludge formation leading to cleaner engines.
- Unique innovation in lubrication technology, identify a way of offering total engine protection during the three stages of the drive cycle – start-up, warm-up and normal driving conditions.
- Freedom of ring sticking, reduction in deposits leading to a reduced engine wear and a longer engine and component life.
- Excellent thermal and oxidation stability.
- Developed to meet the most advanced emissions and fuel efficient requirements.
- Circulates rapidly within the engine to minimize cold start up wear. Improves low temperature engine efficiency.
- Ensures the important engine seals stay soft and pliable to minimize oil leakage.

Emissions/Fuel economy
Low temperature flow properties
Compatibility with a wide range of seal materials

CHARACTERISTICS

Total Quartz 5000 SM	Method	Units	SAE 10W30
Volumetric mass at 15°C	ASTM D1298	kg/m ³	869
Viscosity at 40°C	ASTM D445	mm ² /s	76
Viscosity at 100°C	ASTM D445	mm ² /s	11.47
Viscosity Index	ASTM D2270	-	143
Pour Point	ASTM D97	°C	-30
Flash Point	ASTM D92	°C	220

The typical characteristics mentioned represent mean values.

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This lubricant, when used according to our recommendations and for the purpose for which is intended, presents no particular hazards. A safety data sheet complying with current EC legislation can be obtained from your local commercial adviser.