

# QUARTZ INEO MC3



TOTAL

**New Low SAPS generation oil using TOTAL's synthetic technology, especially developed for Volkswagen, BMW and Mercedes-Benz Groups' applications. Its very high technology optimizes the performance of the anti-pollution systems, such as the Diesel Particulate Filters.**

## UTILISATIONS

- QUARTZ INEO MC3 satisfies the most difficult conditions of use (motorway, dense urban traffic...), all seasons. Is appropriate for all styles of driving, in particular sporting and with highly demanding.
- QUARTZ INEO MC3 is appropriated for all recent engines (AM 2000 and later), multivalve, turbocharges, direct injection, equipped or not with catalytic converters.
- QUARTZ INEO MC3 fully satisfies the new Euro IV environmental standards and optimizes the anti-pollution systems, in particular the Diesel Particulate Filters (DPF).
- QUARTZ INEO MC3 satisfies the maintenance plans of the most demanding manufacturers, especially concerning the lengthened draining intervals.

## PERFORMANCES

### Specifications

Standard ACEA 2007 C3  
API SM/CF

### OEMS homologations

MERCEDES-BENZ: MB 229.31, MB 229.51  
BMW: BMW Long Life 04  
VOLKSWAGEN: VW 502.00/505.00/505.01  
Meets FORD WSSM2C 917A technical requirements

## CLIENTS BENEFITS

### Increased longevity of the particulate filters

- Reinforces the action of the Diesel Particulate Filter and prolongs its lifespan, by avoiding its early blinding (50% less metal additives than traditional technology oil).

### Respect of the environment

- Ensures better respect of the environment, by ensuring an optimum performance of the whole systems of depollution and by guaranteeing a high level of engine efficiency.

### Protection and optimal cleanliness of the engine

- Excellent protection and cleanliness of the engine.

### Longer draining intervals

- Ensures exceptional engine durability and satisfies the plans for maintenance of the most demanding manufacturers by allowing extra long drain intervals (20000 to 40000 kms), thanks to an exceptional oxidation resistance.

## CHARACTERISTICS

TOTAL QUARTZ INEO MC3	Method	Unit	Grade 5W-30
Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	71,7
Viscosity at 100°C	ASTM 445	mm <sup>2</sup> /s	12,13
Viscosity index	ASTM D2270	-	167
Pour point	ASTM D97	°C	- 36
Flash Point	ASTM D92	°C	220
B.N.	ASTM D2896	mgKOH/g	7,4

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

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This lubricant used according to our recommendations and for the application for which it is planned does not present a particular risk. A card of data of safety in conformity with the legislation in force in the E.C. is available near your commercial adviser.