

QUARTZ INEO MC3 5W-40



Synthetic technology and Low SAPS oil developed for BMW, Volkswagen and Mercedes-Benz and Porsche engines.

USES

- **TOTAL QUARTZ INEO MC3 5W-40** complies with the latest international ACEA and API standards and satisfies the most demanding car manufacturers' requirements.
- This 5W-40 multigrade lubricant suits arduous conditions (urban use, sporting and motorway)
- Recommended for all recent engines equipped with multivalves, turbocharges and direct injection engines.
- Specifically formulated for engines operating anti-pollution devices such as Diesel particulate filters and three-way catalyst.
- Its Low SAPS technology (Low Sulfated ashes, Phosphorus and Sulfur) ensures the highest level of performance for after-treatment components.

PERFORMANCES

International Specifications	ACEA :	C3
	API :	SN/CF
OEMs approvals*	MERCEDES-BENZ:	229.51 backward compatible MB 229.31
	BMW :	LL-04
	VOLKSWAGEN:	502.00 / 505.01
	PORSCHE :	A 40
	FORD :	Satisfies requirements for FORD WSS-M2C 917-A
	FIAT :	Satisfies latest requirements for FIAT 9.55535-S2
	GENERAL MOTORS:	Official dexos2™ license: Meets the latest technical requirements of GM engines (Opel, Vauxhall, Chevrolet) backward compatible GM-LL-A-025, GM-LL-B-025

CUSTOMER BENEFITS

Reduce environmental impact	• Its Low SAPS technology (Sulfated Ashes, Phosphorus and Sulfur) reinforces the action of Diesel Particulate Filters and three way catalysts
Protection and efficiency	• Increases the after-treatment devices' lifespan by avoiding early filling.
Long drain intervals	• Guaranties engine parts protection and great engine efficiency.
	• Ensures an exceptional engine durability and satisfies the maintenance plans of the most demanding manufacturers by allowing extra long drain intervals, thanks to exceptional oxidation resistance

CHARACTERISTICS

TOTAL QUARTZ INEO MC3	Method	Unit	Grade 5W-40
Viscosity at 40°C	ASTM D445	mm ² /s	83,9
Viscosity at 100°C	ASTM 445	mm ² /s	13,9
Viscosity index	ASTM D2270	-	170
Pour point	ASTM D97	°C	- 42
Flash Point	ASTM D92	°C	240
B.N.	ASTM D2896	mgKOH/g	7,5

*The values of the characteristics appearing in this table are typical values given as an indication
Please refer to the car's maintenance manual

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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.