



QUARTZ INEO MC3 SAE 5W-30



Synthetic Low SAPS Engine Oil for German vehicles and GM (Dexos 2)

APPLICATIONS

All types of service

- **QUARTZ INEO MC3 5W30** complies with the latest international standards of automobile manufacturers. It is well suited for all recent multi-valve engines equipped with turbochargers and direct injection.
- The 5W-30 grade is suitable for the most severe driving conditions even under extreme variations in operating temperatures. Its low SAPS technology (low Sulphated Ash, Phosphorus and Sulfur content) makes it the lubricant of choice for optimal operation of the latest generation of engines equipped with pollution control devices

PERFORMANCE

International standards

ACEA C3
API SN

OEM standards

Mercedes-Benz: 229.51 approval
BMW Longlife-04 (LL-04) approval
Volkswagen 502.00/505.01 approval
Hyundai-Kia Recommended by Hyundai-Kia for service fill
GM Dexos 2, license number GB2C0301070 (Opel, Vauxhall, Chevrolet)
(Backward compatible GM LL-A-025, LL-B-025)

CUSTOMER BENEFITS

High technical performance

Long drain intervals

- Ensures optimal performance and longevity of three-way catalytic converters and particulate filters for emission controls.
- Optimal performance level under all operating conditions.
- Meets or exceeds the most demanding German OEM requirements permitting extremely long oil drain intervals

CHARACTERISTICS

TYPICAL PROPERTIES--QUARTZ INEO MC3 5W-30	
Specific gravity @ 60/60°F	0.852
Viscosity, cSt @ 100°C (ASTM D 445)	12
Viscosity, cSt @ 40°C (ASTM D 445)	69
Viscosity Index (ASTM D 2270)	171
Cold crank simulator, cp @ -25°C (ASTM D 5293)	6200@ -30°C
Pour Point, °F (°C) (ASTM D 97)	-33 (-36)
Phosphorous, ppm	760
NOACK, wt% loss	10

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QUARTZ

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This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at www.totalspecialties.com. Copyright 2016 All rights reserved.