

Quartz Ineo MC3 0W-40

Engine oil

KEY DATA



LIGHT VEHICLE RANGE

GASOLINE & DIESEL ENGINE OIL
SAE 0W-40
ADVANCED SYNTHETIC TECHNOLOGY
LOW SAPS

MANUFACTURER APPROVALS ¹

- 🔥 MB-APPROVAL 229.52
- 🔥 MB-APPROVAL 229.51
- 🔥 RENAULT RN0700
- 🔥 RENAULT RN0710

¹Please refer to car owner's manual

TECHNOLOGY

Age-Resistance technology

The next gen oil for outstanding protection.

Age-Resistance technology provides expert protection, to fight everyday challenges in the long term.

Age-Resistance technology offers unbeatable engine protection. Its unique combination of hyperactive molecules creates a strong thick oil film on all concerned engine parts. Engines are absolutely protected against a variety of challenges, from wear to oil oxidation even at extreme temperatures.



APPLICATIONS

QUARTZ INEO MC3 0W-40 is an advanced synthetic engine oil meticulously engineered to meet the stringent technical requirements of the latest Mercedes-Benz hybrid vehicles 'EQ BOOST'. This premium lubricant is specially crafted to optimize performance, providing superior protection and efficiency.

Its unique formulation will support you whether you're navigating city traffic, cruising down motorways, or pushing the limits with spirited sports driving. This high-tech oil resists extreme temperature variations, ensuring your engine performs at its peak and receives the best protection in all climates.

Our Low SAPS technology ensures compatibility with the latest emission control systems, maintaining optimal operation of anti-pollutant devices.

CUSTOMERS BENEFITS

- Ensures the optimal functioning of three-way catalytic converters and particulate filters, significantly reducing emissions of NO_x, CO₂, CO, and particles. This guarantees compliance with manufacturer performance levels and latest environmental standards.
- Prevents clogging and filling of DPFs and three-way catalytic converters, extending the service life of post-treatment systems.
- Exhibits excellent resistance to temperature variations, guaranteeing the longevity of engine parts and maintaining optimal performance under all circumstances.

CHARACTERISTICS²

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	0W-40
Kinematic viscosity at 40°C	mm ² /s	ASTM D445	65,6
Kinematic viscosity at 100°C	mm ² /s	ASTM D445	13.4
Density at 15°C	kg/m ³	ASTM D1298	843
Viscosity index	-	ASTM D2270	211
Pour point	°C	ASTM D97	-45
OC Flash point	°C	ASTM D92	248

²The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications.

RECOMMENDATIONS FOR USE

Before using the product, the vehicle's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations. If possible, the packaging should not be exposed to the elements. Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

HEALTH, SAFETY AND THE ENVIRONMENT

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet (SDS).

This can be obtained on request from your local reseller and is available for consultation at <https://ms-sds.totalenergies.com>.

This product should not be used for any purposes other than the ones for which it is intended.



TotalEnergies Lubricants / Last update of this datasheet: January 25 / Quartz Ineo MC3 0W-40

Some variations can be expected under normal production conditions, but these should not affect the product's expected performance irrespective of the site. The information contained in this document is subject to change without notice. Our products can be viewed on our website at www.lubricants.totalenergies.com.