Quartz Ineo MC3 5W-30

Engine oil

KEY DATA

LIGHT VEHICLE RANGE

GASOLINE & DIESEL ENGINE OIL
SAE 5W-30
ADVANCED SYNTHETIC TECHNOLOGY
LOW SAPS & FUEL ECONOMY

INTERNATIONAL STANDARDS

- ACEA C3
- API SP

MANUFACTURER APPROVALS [1]

- BMW LL-04
- MB-Approval 229.52 / 229.51
- Opel / Vauxhall OV 040 1547 - G30
- Opel / Vauxhall OV 040 1547 - D30
- Recommended by Kia
- Meets the requirements of CHRYSLER MS-11106
- Suitable for applications requiring VW 505.01 specification
- Suitable for applications requiring FIAT 9.55535-S3 specification

[1] Please 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. It's 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 5W-30 is an advanced synthetic Low SAPS engine oil specially formulated to meet the technical requirements of vehicles manufactured by BMW, Mercedes-Benz, General Motors and Hyundai Kia Motors Corporation*.
Quartz Ineo MC3 5W-30 complies with the latest ACEA and API international standards and meets the requirements of the most demanding automotive manufacturers.
This 5W-30 grade lubricant is suitable for the most severe conditions of use (sports driving, repeated start-ups, city and motorway driving).
Its special formulation resists the most extreme variations in operating temperature.
It is particularly well suited to modern multi-valve engines quipped with turbochargers and direct injection.
Its Low SAPS technology (low content in Sulphated Ash, Phosphorus and Sulphur) makes it the lubricant of choice for optimal operation of the latest-engine generation equipped with anti-pollutant devices.
* Worldwide except Korea

CUSTOMERS BENEFITS

- Reduced environmental impact: Quartz Ineo MC3 5W-30 ensures optimal functioning of three-way catalytic converters and particulate filters, which lowers emissions of NOx, CO particles, and ensure compliance with performance levels announced by manufacturers and EURO 5 environmental standards.
- Longevity of post-treatments systems: This oil extends the service life of post-treatment systems by preventing DPFs and three-way catalytic converters from clogging and filling.
- Engine protection and cleanliness: Its excellent resistance to temperature variations guarantees the longevity of engine parts and optimal performance level under all circumstances.
- Longer intervals between oil changes: Quartz Ineo MC3 5W-30 satisfies the most demanding manufacturer service plans by permitting extra-long intervals.

CHARACTERISTICS[2]

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	5W-30
Kinematic viscosity at 40°C	mm^2/s	ASTM D445	69
Kinematic viscosity at 100°C	mm^2/s	ASTM D445	12
Density at 15°C	kg/m^3	ASTM D4052	852
Viscosity index	-	ASTM D2270	171
Pour point	°C	ASTM D97	-36
OC Flash point	°C	ASTM D92	233

[2] The 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

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.