



TOTAL QUARTZ INEO MC3 5W-30

Engine lubricant

KEY DATA

LIGHT VEHICLE RANGE



PETROL & DIESEL ENGINE LUBRICANT

SAE 5W-30

SYNTHETIC TECHNOLOGY

LOW SAPS

INTERNATIONAL STANDARDS

- ✓ ACEA C3
- ✓ API SN/CF

MANUFACTURER CERTIFICATIONS*

- ✓ **MERCEDES-BENZ:** MB-Approval 229.51 and backward compatible 229.31
- ✓ **BMW:** LL-04
- ✓ **VOLKSWAGEN:** VW 502.00/505.01, backward compatible VW 502.00/505.00
- ✓ **HYUNDAI-KIA:** Meets the requirements of Hyundai-Kia (TOTAL QUARTZ INEO MC3 is referenced in owner's manuals)
- ✓ **GENERAL MOTORS:** dexos 2™, meets GM's latest technical requirements (Opel, Vauxhall, SAAB and Chevrolet engines), backward compatible for GM-LL-A-025 and GM-LL-B-025

APPLICATIONS

A synthetic Low SAPS engine oil specially formulated to meet the technical requirements of vehicles manufactured by BMW, Mercedes-Benz, Volkswagen, Hyundai-Kia and General Motors.

- TOTAL QUARTZ INEO MC3 5W30 is in compliance with the latest ACEA and API international standards and meets the requirements of the most demanding car manufacturers.
- This 5W-30 grade lubricant is suitable for the harshest driving conditions (door-to-door, sporty driving style, repeated start-ups, city and motorway driving).
- Its special formulation resists both heat and cold and the most extreme variations in operating temperature. It is particularly well suited to all recent multi-valve engines equipped with turbochargers and direct injection.
- Its Low SAPS technology (low Sulphated Ash, Phosphorus and Sulphur content) makes it the lubricant of choice for optimising the way in which the latest generation of anti-pollutant systems work.

CLIENT BENEFITS

- **Reduced environmental impact:** TOTAL QUARTZ INEO MC3 5W30 ensures optimal operation of three-way catalytic converters and particulate filters, which lower emissions of NOx, CH and CO particles and ensure compliance with the performance levels announced by manufacturers and Euro V environmental standards.
- **Longevity of post-treatment systems:** Protects all post-treatment systems by preventing the particulate filters and three-way catalytic converters from getting clogged up.
- **Engine protection and cleanliness:** Its excellent resistance to temperature variations guarantees long life for engine parts and high levels of efficiency in all circumstances.
- **Longer intervals between oil changes:** Satisfies the most demanding manufacturer service plans by permitting extra-long oil change intervals (20,000 to 40,000 km)

www.lubrifiants.total.fr

* The owner's manual should be referred to.
** currently being registered with General Motors

When used in accordance with our recommendations and for the application for which it is intended, this lubricant presents no particular risks. A safety datasheet that in compliance with current EU legislation is available from your sales consultant.

CHARACTERISTICS

Test	Unit	Test method	Result
Viscosity grade	-	SAE J300	5W30
Kinematic viscosity at 40°C	mm ² /s	ASTM D445	69
Kinematic viscosity at 100°C	mm ² /s	ASTM 445	12
Pour point	°C	ASTM D97	-36
OC Flash Point	°C	ASTM D92	230
TBN	mgKOH/g	ASTM D2896	7

* 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 manual 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 barrels 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. This can be obtained on request from your local reseller and is available for consultation at www.quickfds.fr.

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

When disposing of the product after use, please protect the environment and comply with local regulations.