Quartz Ineo FGO 5W-40

Engine oil

KEY DATA

LIGHT VEHICLE RANGE

GASOLINE & DIESEL ENGINE OIL
SAE 5W-40
ADVANCED SYNTHETIC TECHNOLOGY
LOW SAPS

INTERNATIONAL STANDARDS

- ACEA C3
- API SN

MANUFACTURER APPROVALS [1]

- BMW: BMW LL-04
- MERCEDES-BENZ: MB-Approval 229.52
- VOLKSWAGEN: VW 511.00
- PORSCHE C40
- RENAULT: RN 0700/0710
- Meets the requirements of FIAT 9.55535-S2
- Meets the requirements of OPEL/VAUXHALL OV 040 1547 - D40

[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 FGO 5W-40 is an advanced synthetic engine oil specially formulated to meet the recent ACEA and API international standards and technical requirements of vehicle manufacturers, such as BMW, Mercedes-Benz, Volkswagen, or Porsche.
This lubricant is suitable for the most severe conditions of use (door-to-door, 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 all recent multi-valve engines equipped 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.

CUSTOMERS BENEFITS

- Reduced environmental impact: Quartz Ineo FGO 5W-40 ensures optimal functioning of three-way catalytic converters and particulate filters, which lower emissions of NOx, CO and particles. It also ensures 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 FGO 5W-40 satisfies the most demanding manufacturer service plans by permitting extra-long oil change intervals.

CHARACTERISTICS[2]

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	5W-40
Kinematic viscosity at 40°C	mm^2/s	ASTM D445	68.2
Kinematic viscosity at 100°C	mm^2/s	ASTM D445	12.8
Density at 15°C	kg/m^3	ASTM D1298	852
Viscosity index	-	ASTM D2270	191
Pour point	°C	ASTM D97	-39
OC Flash point	°C	ASTM D92	238

[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.