

QUARTZ INEO FGO 5W30

Formulated to surpass the latest ACEA and API international standards, this synthetic oil is approved for the rigorous demands of top manufacturers, including Mercedes-Benz, Peugeot, and Renault.

Its special formulation resists extreme temperature variations and provides reliable protection in all driving conditions, from frequent starts and stops in the city to high-speed motorway travel and demanding sports driving. It is perfectly suited for modern multi-valve engines, especially those with turbochargers and direct injection.

The Low SAPS formulation (low content of Sulfated Ash, Phosphorus, and Sulfur) ensures optimal operation and protection for the latest-generation engines equipped with anti-pollution devices.



International standards

- ACEA C2
- ACEA C3
- API SP

Manufacturer specifications

- IVECO 18-1811 (Suitable for)
- FIAT FIAT 9.55535-S1 (Suitable for)
- DAIMLER MB-226.52 (Meets the requirement of)
- DAIMLER MB-229.31 (Meets the requirement of)
- DAIMLER MB-229.51 (Meets the requirement of)
- DAIMLER MB-APPROVAL 229.52 (Approved)
- PSA PSA B71 2290 (Approved)
- RENAULT RENAULT RN0700 (Meets the requirement of)
- RENAULT RENAULT RN0710 (Meets the requirement of)
- RENAULT RENAULT RN17 (Approved)
- TOYOTA TOYOTA (Suitable for)

Applications

- Formulated to surpass the latest ACEA and API international standards, this synthetic oil is approved for the rigorous demands of top manufacturers, including Mercedes-Benz, Peugeot, and Renault.

Performances

- Engineered to deliver outstanding protection and performance across a wide range of driving speeds. This oil ensures the longevity of your engine parts by providing excellent resistance to temperature variations.
- This formulation is designed to protect and prolong the service life of post-treatment systems, including three-way catalytic converters and particulate filters. By minimizing emissions of NOx, CO, and particulates, it helps ensure compliance with manufacturer performance levels and Euro VI environmental standards.

Customers benefits

- Quartz Ineo FGO 5W-30 ensures the optimal function of three-way catalytic converters and particulate filters, reducing emissions of NOx, CO, and particulates. This not only helps you comply with manufacturer performance levels and EURO VI environmental standards but also extends the service life of these post-treatment systems by preventing them from clogging.
- With excellent resistance to temperature variations, this oil guarantees the longevity of engine parts and maintains optimal performance in all conditions.
- Quartz Ineo FGO 5W-30 meets the most demanding service plans, allowing for extra-long intervals between oil changes.

Typical characteristics

Characteristics	Method	Measure Unit	Typical Value
Density at 15°C	ASTM D1298	kg/m3	851.7
Kinematic Viscosity at 40°C	ASTM D445	mm2 /s	72.81
Kinematic Viscosity at 100°C	ASTM D445	mm2 /s	12.15
Viscosity index	ASTM D2270	-	165
Pour point	ASTM D97	°C	-39
Flash point	ASTM D92	°C	237
TBN	ASTM D2896	mgKOH/g	8.6
Sulphated Ash	ASTM D874	% m/m	0.7

The above-mentioned characteristics are obtained within the usual production tolerances and cannot be considered as 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 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.