Quartz 9000 Energy 0W-40

Engine oil

KEY DATA

LIGHT VEHICLE RANGE

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

INTERNATIONAL STANDARDS

- ACEA A3/B4
- API SN/CF

MANUFACTURER APPROVALS [1]

- ASTON MARTIN: Approved for 4.0L TwinTurbo V8 & 6.0L V12 Naturally aspirated engines
- MB-Approval 229.5
- PORSCHE A40
- VW 502.00/505.00
- FORD WSS-M2C 937-A

[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 9000 Energy 0W-40 is an advanced synthetic technology engine oil that meets the requirements of the new ACEA A3/B4 and API SN/CF sequences.
Its compliance with these new international standards means that it meets the most recent requirements for petrol engines, as well as those for diesel engines that are not fitted with particulate filters.
The certifications that Quartz 9000 Energy 0W-40 has secured make it premium choice engine oil for use in after-sales – it meets the requirements of a very wide range of engines developed by many different manufacturers. These include Mercedes-Benz, Smart, Porsche, Volkswagen, Audi, Skoda, Seat or Ford.
It is suitable for normal as well as the most demanding driving conditions (door-to-door, sporty driving, repeated start-ups, city and motorway driving, etc.), and for all seasons.

CUSTOMERS BENEFITS

- Engine protection: This lubricant provides an extremely high level of engine protection, ensuring that all engine parts last for a long time. Protection is greater than 20% at the official European manufacturers' wear tests! **
- Protection for petrol engine pollution-control systems: Quartz 9000 Energy 0W-40 optimises the way in which three-way catalytic converters work, preventing them from getting clogged up with deposits. This reduces emissions of NOx, HC and CO in particular.
- Engine cleanliness: This oil offers the best possible protection in its category against deposits in all circumstances: as soon as the engine is started, during cold starts and at extremely high temperatures.
- Easier start-ups: The 0W-40 grade, together with special additives, makes engine start-ups easier - at both very low and very high temperatures that makes it ideal for stop & start systems.
- Oil change intervals: Quartz 9000 Energy 0W-40 retains all of its properties, in accordance with service plan and oil change intervals recommended by the most demanding manufacturers: Its resistance to phenomena associated with lubricant ageing is 35% higher than official requirements after oxidation test ***.
- * TotalEnergies recommands to follow the Maintenace guide of your vehicle.
- ** ACEA official test: TU3MS.

*** ACEA official test: TU5.

CHARACTERISTICS[2]

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	0W-40
Kinematic viscosity at 40°C	mm^2/s	ASTM D445	76.4
Kinematic viscosity at 100°C	mm^2/s	ASTM D445	13.4
Density at 15°C	kg/m^3	ASTM D1298	850
Viscosity index	-	ASTM D2270	181
Pour point	°C	ASTM D97	-45
OC Flash point	°C	ASTM D92	>200

[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.