

TOTAL QUARTZ RACING 10W-60

Engine oil

KEY DATA

LIGHT VEHICLE RANGE

PETROL ENGINE LUBRICANT
SAE 10W-60
SYNTHETIC TECHNOLOGY



INTERNATIONAL STANDARDS

- API SN/CF

MANUFACTURER APPROVALS¹

- Suitable for BMW M series

¹Please 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

TOTAL QUARTZ RACING 10W-60 is a synthetic technology engine oil that has been developed to cover the most stringent requirements of gasoline engines used in sport and intensive conditions.

TOTAL QUARTZ RACING 10W-60 is particularly suitable for turbo-compressed and multi-valved engines.

This engine oil can be used in the most difficult operating conditions (motorways, dense city traffic...), and is appropriated for all driving types, in particular for sporting or intense drive, and for every season.

CUSTOMERS BENEFITS

- Anti-wear protection: TOTAL QUARTZ RACING 10W-60 provides an exceptional anti-wear protection of the engines, especially in the severest conditions of use.
- Engine protection and performance: This oil protects mechanical parts by ensuring an optimal lubrication as of the time of starting and fully preserves the engine power, thus contributing to its youth and strength.
- Engine cleanliness: TOTAL QUARTZ RACING 10W-60 keeps the engine's most sensitive parts clean thanks to its advanced detergent and dispersive additivation.
- Easier cold starts: Its excellent fluidity is perfectly adapted for cold starting in extreme weather conditions and ensures a good protection of mechanical parts at high temperature.
- Oil film resistance: Thanks to its synthetic formulation, TOTAL QUARTZ RACING 10W-60 has an exceptional viscosity index and maintains the most resistant oil film even at high temperatures.

CHARACTERISTICS²

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	10W-60
Kinematic viscosity at 40°C	mm ² /s	ASTM D445	167
Kinematic viscosity at 100°C	mm ² /s	ASTM D445	23.6
Density at 15°C	kg/m ³	ASTM D1298	857
Viscosity index	-	ASTM D2270	172
Pour point	°C	ASTM D97	-36
OC Flash point	°C	ASTM D92	250

²The 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 <http://sdstotalms.total.com>.

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

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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.total.com.