

TOTAL QUARTZ 9000 ENERGY HKS G-310 5W-30

Engine oil

KEY DATA

LIGHT VEHICLE RANGE



DIESEL ENGINE OIL
SAE 5W-30
ADVANCED SYNTHETIC TECHNOLOGY



INTERNATIONAL STANDARDS

- ACEA A5
- API SL

MANUFACTURER APPROVALS¹

- Recommended by KIA with Factory Fill performance

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 9000 ENERGY HKS G-310 5W-30 is suitable for all petrol engine developed by Hyundai-Kia Motors Corporation.

TOTAL QUARTZ 9000 ENERGY HKS G-310 5W-30 brings an outstanding protection against engine wear, ensures an optimal cleanliness and allows longer drain intervals.

TOTAL QUARTZ 9000 ENERGY HKS G-310 5W-30 can be used in the most difficult operating conditions (Motorways, dense city traffic).

Suitable for all driving style, especially sports driving and whatever the season.

CUSTOMERS BENEFITS

- Protection and cleanliness engine : Brings an outstanding protection against engine wear and ensure engine longevity.
- Long drain interval : Allows long drain intervals (30000km) thanks to an excellent resistance to oxidation.

CHARACTERISTICS²

| TEST | UNIT | TEST METHOD | RESULT |
|------------------------------|--------------------|-------------|--------|
| Viscosity grade | - | SAE J300 | 5W-30 |
| Kinematic viscosity at 40°C | mm ² /s | ASTM D445 | 60.16 |
| Kinematic viscosity at 100°C | mm ² /s | ASTM D445 | 10.35 |
| Density at 15°C | kg/m ³ | ASTM D1298 | 854.9 |
| Viscosity index | - | ASTM D2271 | 238 |
| Pour point | °C | ASTM D97 | -42 |
| OC Flash point | °C | ASTM D93 | 234 |

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 <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.