

Quartz Ineo HKS D 5W-30

Engine oil

KEY DATA



LIGHT VEHICLE RANGE

DIESEL ENGINE OIL
SAE 5W-30
ADVANCED SYNTHETIC TECHNOLOGY
LOW SAPS & FUEL ECONOMY

INTERNATIONAL STANDARDS

ACEA C2

MANUFACTURER APPROVALS ¹

- Recommended by KIA with Factory Fill performance.
- Formula strictly identical to the engine oil used as factory fill by HYUNDAI KIA MOTORS group plants in Europe and South Korea.

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. Its 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 HKS D 5W-30 formula is the factory fill used most often by HYUNDAI & KIA MOTORS for diesel vehicles in its European and South Korean plants.

This product is an advanced synthetic technology engine oil that provides the best engine protection against wear and deposits.

It is suitable for all conditions of use, from normal to harsh (door-to-door, sports driving, repeated start-ups, city and motorway driving, among others).

Quartz Ineo HKS D 5W-30 is particularly suited to diesel engines, even the most recent, whether equipped with particulate filters or not.

The post-treatment systems for KIA and HYUNDAI diesel engines, which are sensitive to the lubricants used and expensive to maintain, are also protected over the long-term thanks to the "Low SAPS" formulation (low content of sulphated ash, phosphorus and sulphur contents).

The field of application is very broad, making Quartz Ineo HKS D 5W-30 an essential after-sales product.

CUSTOMERS BENEFITS

- Reduced environmental impact: Gains in fuel consumption. This engine oil meets all of the performance levels claimed by KIA and HYUNDAI in relation to environmental standards.
- Protection for pollution-control systems: This lubricant also optimises the way in which particulate filters operate, preventing them from getting clogged up with soot or deposits. This reduces particulate emissions, NOx, HC and CO in particular.
- Engine protection and cleanliness: This oil offers the best possible protection in its category against wear and deposits as soon as the engine is started up.
- Oil change intervals: Quartz Ineo HKS D 5W-30 retains all of its properties, in accordance with the service plans recommended by KIA and HYUNDAI.

CHARACTERISTICS²

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	5W-30
Kinematic viscosity at 40°C	mm ² /s	ASTM D445	55.4
Kinematic viscosity at 100°C	mm ² /s	ASTM D445	10.3
Density at 15°C	kg/m ³	ASTM D1298	853
Viscosity index	-	ASTM D2270	178
Pour point	°C	ASTM D97	-42
OC Flash point	°C	ASTM D92	220

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 <https://ms-sds.totalenergies.com>.

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



TotalEnergies Lubricants / Last update of this datasheet: June 22 / Quartz Ineo HKS D 5W-30

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.