

TOTAL QUARTZ INEO ECS 5W-30

Engine oil

KEY DATA

LIGHT VEHICLE RANGE



GASOLINE & DIESEL ENGINE OIL
SAE 5W-30

ADVANCED SYNTHETIC TECHNOLOGY
LOW SAPS AND FUEL ECONOMY



INTERNATIONAL STANDARDS

- ACEA C2

MANUFACTURER SPECIFICATIONS¹

- PSA PEUGEOT CITROËN: B71 2290 (Edition 2018)
- Suitable for use when the specification FIAT 9.55535-S1 is requested
- Suitable for use when the specification IVECO 18-1811 SC1 is requested
- Suitable for TOYOTA

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

TOTAL QUARTZ INEO MC3 5W-30 is a Low SAPS synthetic technology oil specially designed for PEUGEOT, CITROËN and DS engines. It increases Fuel Savings and optimises the way in which anti-pollution systems - such as Particulate Filters - operate.

TOTAL QUARTZ INEO ECS 5W-30 is a special second-generation Fuel Savings lubricant: it can be used with all Diesel engines - older ones, as well as more recent ones. It is suitable for use with most petrol engines.

TOTAL QUARTZ INEO ECS 5W-30 is vital for ensuring the effective operation of particulate filters and is also suitable for use with other post-treatment systems.

TOTAL QUARTZ INEO ECS 5W-30 provides protection against LSPI (Low Speed Pre-ignition), a phenomenon similar to knock and which can damage the engine.

TOTAL QUARTZ INEO ECS 5W-30 is appropriate for use with the most severe maintenance cycles and the most difficult driving conditions (motorway, dense urban traffic, etc.).

CUSTOMERS BENEFITS

- **Increased life of particulate filters:** Maximizes the efficiency of the Particulate Filter, preventing it from getting clogged up prematurely (contains 50% fewer metal components than a standard technology oil).
- **Fuel Economy:** Fuel Savings of up to 6% at start-up, Fuel Savings of an average of 2.5% during mixed operation compared with an ACEA reference oil (tests carried out on a Citroën C4 1.6 HDi).
- **Respect for the environment:** "ECS Emission Control System": lower CO2 emissions and other pollutants. As well as improving the efficiency of the Particulate Filter, lower fuel consumption means lower CO2 emissions. The low levels of phosphorus and Sulphur contained in this lubricant provide all the post-treatment components with excellent protection, optimizing their life cycle. NOx emissions are also managed and reduced.
- **Optimum engine protection cleanliness:** The detergent and specific dispersive additives provide the engine with optimum protection against wear and prevent the formation of soot and sludge deposits.

CHARACTERISTICS²

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	5W-30
Density at 15°C	Kg/m3	ASTM D1298	851
Kinematic viscosity at 40°C	mm ² /s	ASTM D445	56,3
Kinematic viscosity at 100°C	mm ² /s	ASTM D445	10,1
Flashpoint	°C	ASTM D92	237
Pour point	°C	ASTM D97	-39
Viscosity Index	-	ASTM D2270	168

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 www.quickfds.fr.

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

TOTAL LUBRIFIANTS – Immeuble Spazio
562, avenue du Parc de l'île
92029 Nanterre cedex
France

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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.