

TOTAL QUARTZ INEO XTRA EC5 0W-20

Engine oil

KEY DATA

LIGHT VEHICLE RANGE



PETROL & DIESEL ENGINE OIL
SAE 0W-20
TECHNOLOGIE DE SYNTHÈSE AVANCÉE
LOW SAPS & XTRA FUEL ECONOMY



INTERNATIONAL STANDARDS

- ACEA C5
- API SN PLUS (RC)
- ILSAC GF-5

MANUFACTURER APPROVALS¹

- MB-Approval 229.71
- BMW LL-17FE+
- OPEL/VAUXHALL OV0401547
- FORD WSS-M2C947-B1
- JAGUAR LAND ROVER STJLR 03.5006
- FIAT 9.55535-GSX (Meets the requirements of)
- Chrysler MS-12145 (Meets the requirements of)

¹ Please refer to car owner's manual

TECHNOLOGY

Eco-Science technology

The effective engine care for maximised performance.

Eco-Science technology improves engine life and efficiency, it optimises engine care and lowers fuel consumption.

Eco-Science technology is the latest breakthrough from Total Lubrifiants. Its cutting-edge hyperactive molecules are designed to instantly regenerate and reform themselves, resisting both physical and chemical degradation. Oil oxidation is minimised while fuel economy and engine performance are maximised.

Eco-Science technology offers long-lasting cleanliness and protection against ageing as well as significant fuel economies. Less fuel consumed translates to less carbon and particles emissions.



APPLICATIONS

TOTAL QUARTZ INEO XTRA EC5 0W-20 is a synthetic engine oil of superior performance designed for the newest generation of engines of premium car manufacturers.

Its cutting-edge technology reduces friction to its minimum, contributing to the exceptional fuel economy performance of the engine. TOTAL QUARTZ INEO XTRA EC5 0W-20 meets the API SP (RC) performance standard, providing protection against LSPI (Low Speed Pre-ignition), a phenomenon in some ways similar to knock and which can damage the engine. Today car manufacturers develop engines which are smaller, run at a lower speed, and still deliver the same power therefore develop higher power density that favors LSPI events. The innovative formulation of TOTAL QUARTZ INEO XTRA EC5 0W-20 is approved for use in the BMW group vehicles, whenever BMW LL-17FE+ specification is required.

This product is also recommended for use in all engines used in Jaguar and Land Rover vehicles requiring the approval STJLR.03.5006. TOTAL QUARTZ INEO XTRA EC5 0W-20 is also recommended for use in vehicles that require the following specifications: MBApproval 229.71; OPEL OV0401547; FORD WSS-M2C947-B1.

CUSTOMERS BENEFITS

- Reduced environmental impact: QUARTZ INEO XTRA EC5 0W-20 reduces engine deposits and ensures optimal functioning of the Particulate Filters lowering emissions of NOx, CO and particles. It complies with Euro VI emission standards.
- Reduced oil ageing and extended drain interval: Thanks to its superior thermal and oxidation stability.
- Impeccable cleanliness: QUARTZ INEO XTRA EC5 0W-20 protects engines against all types of impurities and fights against the sludge creation allowing car drivers to optimize the performance of their vehicles over time.
- Reduced running cost and fuel consumption: Its advanced formulation makes QUARTZ INEO XTRA EC5 0W-20 a frontrunner that delivers outstanding results, when it comes to fuel economy. Thanks to its outstanding "anti-friction" performance, it delivers 3,6% Fuel Economy on ACEA M111FE test.
- Extra efficient protection at start-ups: Outstanding low temperature performance even at the coldest weather conditions

CHARACTERISTICS²

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	0W-20
Kinematic viscosity at 40°C	mm ² /s	ASTM D445	41.6
Kinematic viscosity at 100°C	mm ² /s	ASTM D445	8.2
Density at 15°C	kg/m ³	ASTM D1298	845
Viscosity index	-	ASTM D2270	177
Pour point	°C	ASTM D97	-51
OC Flash point	°C	ASTM D92	236

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.