

# Quartz Ineo Xtra Dynamics 0W-20

## Engine oil

### KEY DATA



#### LIGHT VEHICLE RANGE

GASOLINE AND DIESEL ENGINE OIL  
SAE 0W-20  
ADVANCED SYNTHETIC TECHNOLOGY  
LOW SAPS & XTRA FUEL ECONOMY

#### INTERNATIONAL STANDARDS

- ACEA C5
- API SN-RC
- ILSAC GF-5

#### MANUFACTURER APPROVALS <sup>1</sup>

- ASTON MARTIN Twin Turbo V12 engines (AE31): Service fill approved
- BMW LL-17 FE+ (backward compatible BMW LL-14FE+)
- Suitable for FORD WSS-M2C952-A1

<sup>1</sup> Please refer to car owner's manual

## TECHNOLOGY

### Eco-Science technology

**The effective engine care for maximized performance.**

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

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

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

Quartz Ineo Xtra Dynamics 0W-20 is an advanced synthetic engine oil of superior performance designed for the newest generation of engines of premium car manufacturers.

Its polar molecules help provide ultimate protection and impeccable cleanliness of the engine.

At the same time, its cutting-edge technology reduces friction to its minimum, contributing to the exceptional fuel economy performance of the engine.

The innovative formulation of Quartz Ineo Xtra Dynamics 0W-20 is approved by Aston Martin for after-sales for its V12 Twin Turbo engines.

Quartz Ineo Xtra Dynamics 0W-20 is approved for use in the BMW group vehicles, whenever BMW LL-17FE+ specification is required.

## CUSTOMERS BENEFITS

- Reduced environmental impact: Quartz Ineo Xtra Dynamics 0W-20 reduces engine deposits and ensures optimal functioning of the Particulate Filters lowering emissions of NOx, CO and particles. It complies with EURO 6 emission standards.
- Reduced oil ageing and extended drain interval: Thanks to its superior thermal and oxidation stability.
- Impeccable cleanliness: Quartz Ineo Xtra Dynamics 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 Dynamics 0W-20 a front-runner that delivers outstanding results, when it comes to fuel economy. Thanks to its outstanding "anti-friction" performance, it delivers 4,01% Fuel Economy on ACEA M111FE test.
- Extra efficient protection at start-ups: Outstanding low temperature performance even at the coldest weather conditions.

## CHARACTERISTICS<sup>2</sup>

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	0W-20
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	34.2
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	7.8
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298	854
Viscosity index	-	ASTM D2270	211
Pour point	°C	ASTM D97	-51
OC Flash point	°C	ASTM D92	224

<sup>2</sup> 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 <https://ms-sds.totalenergies.com>.

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



**TotalEnergies**

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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.totalenergies.com](http://www.lubricants.totalenergies.com).