



# TOTAL QUARTZ INEO DYNAMICS 0W-20

Engine oil

## KEY DATA

### LIGHT VEHICLE RANGE



### INTERNATIONAL STANDARDS

- ✓ ACEA C5

### PETROL & DIESEL ENGINE OIL

SAE 0W-20

SYNTHETIC ENGINE OIL

LOW SAPS & FUEL ECONOMY

### MANUFACTURER APPROVALS\*

- ✓ BMW LL-17FE+
- ✓ ASTON MARTIN V12 Twin-Turbo Engines :  
factory fill and service fill approved
- ✓ JAGUAR LAND ROVER STJLR.51.5122

## DESCRIPTION

Nowadays, engines face **tremendously high operating temperatures and pressures**. This accelerates oil oxidation and **destabilizes its molecular structure**, leading to **increased friction and sludge build-up**

TOTAL QUARTZ INEO DYNAMICS 0W-20 with **ART (Age Resistance Technology)** is an advanced, highly charged formula which fortifies the anti-oxidation properties of the engine oil offering therefore **ultimate protection** against sludge formation and wear.

TOTAL QUARTZ with ART,  
*Keep your engine younger for longer.*

## APPLICATIONS

TOTAL QUARTZ INEO DYNAMICS 0W-20 is a 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 TOTAL QUARTZ INEO DYNAMICS 0W-20 is approved by Aston Martin for factory fill and after-sales for its V12 Twin Turbo engines.

At the same time, the product 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.51.5122.

*\*Please refer to car owner's manual*

## CUSTOMER BENEFITS

- **Reduced environmental impact:** QUARTZ INEO DYNAMICS 0W-20 reduces engine deposits and ensures optimal functioning of the Particulate Filters lowering emissions of NOx, CO<sub>2</sub>, 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 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 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% Fuel Economy on ACEA M111FE test.
- **Extra efficient protection at start-ups:** Outstanding low temperature performance even at the coldest weather conditions.

## CHARACTERISTICS\*

Test	Unit	Test method	Result
Viscosity grade	-	SAE J300	0W-20
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NF EN ISO 31-04	34,22
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	NF EN ISO 31-04	7,83
Viscosity Index	-	NF T 60-136	211
Flashpoint	°C	NF EN ISO 2592	224
Pourpoint	°C	NF T 60 105	-51
Density	kg/m <sup>3</sup>	ASTM D1298	854

\* 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. This can be obtained on request from your local reseller and is available for consultation at [www.quickfds.fr](http://www.quickfds.fr).

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

When disposing of the product after use, please protect the environment and comply with local regulations.

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

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