

# Quartz Ineo FDE 0W-30

Engine oil

## KEY DATA



### LIGHT VEHICLE RANGE

GASOLINE & DIESEL ENGINE OIL

SAE 0W-30

ADVANCED SYNTHETIC TECHNOLOGY

LOW SAPS & FUEL ECONOMY

### INTERNATIONAL STANDARDS

ACEA C2

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

FORD WSS-M2C950-A

STJLR.03.5007

<sup>1</sup> Please 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. It's 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 FDE 0W-30 with Age-Resistance Technology is a highly charged formula which fortifies the anti-oxidation properties of the engine oil, offering enhanced protection against sludge formation, corrosion and wear caused by friction.

This high-performance, latest generation, synthetic engine oil with outstanding Fuel Economy properties is suitable for the latest generation of gasoline and Diesel engines respecting the EURO 5 and EURO 6 norms.

Quartz Ineo FDE 0W-30 is specially formulated to answer to the stringent needs of the latest FORD diesel engines requiring a 0W-30 lubricant and the specification WSS-M2C950-A.

## CUSTOMERS BENEFITS

- Extended engine lifetime: Ensures outstanding engine longevity, thanks to its magnified oxidation resistance.
- Excellent engine cleanliness and protection: Ensures optimum engine cleanliness, thanks to its superior detergent and dispersion properties.
- Enhanced wear protection: Confers an excellent global wear protection to engines, thanks to its sophisticated combination of cutting-edge additives and base oils.
- Protection of Diesel Particulate Filter: Enables, thanks to low rates of sulfur, ashes and phosphorus (low SAPS), a durability of post-treatment systems (in particular the DPF) that enables high reduction of pollutant emissions.
- Improved cold start properties: This lubricant make cold starts easier, even at very low temperatures.

## CHARACTERISTICS<sup>2</sup>

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade	-	SAE J300	0W-30
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	45
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	9.5
Density at 15°C	kg/m <sup>3</sup>	ASTM D4052	842
Viscosity index	-	ASTM D2270	200
Pour point	°C	NF T 60 105	-45
OC Flash point	°C	NF EN ISO 2592	232

<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.

