

Engine Lubricant FE 0W-20

The products concerned are "Fuel Economy" lubricants for light vehicle engines, grade 0W-20. These are "energy saving" and therefore "fuel saving" lubricants. These lubricants are more fluid than standard mineral oils, without altering their quality of protection against engine wear.

0W-20 engine oils with the TotalEnergies' Ecosolutions label:

- Quartz Ineo Xtra 9000 V-Drive 0W-20
- Quartz Ineo Xtra First 0W-20
- Quartz Ineo Xtra Dynamics 0W-20
- Quartz Ineo Xtra Long Life 0W-20
- Quartz Ineo Xtra EC6 0W-20
- Quartz Ineo Xtra C5 0W-20
- Quartz Ineo Xtra HKR C5 0W-20



"Fuel Economy" engine lubricants allow to **reduce the fuel consumption of the engine** compared to a standard technology lubricant (identified as the market reference for light vehicles in Europe). Indeed, thanks to their optimized viscosimetric profile, Fuel Economy lubricants reduce the friction responsible for energy losses and therefore **reduce fuel consumption and greenhouse gas emissions**.

The Environmental Performance

The environmental and health performance of Lubricant FE 0W20 is evaluated by comparing it with Quartz Ineo Long Life 5W-30 oil (identified as the standard reference) for an equivalent service. For the functional unit lubricating an engine over a 1000 km journey with a light vehicle, we obtain:



—■ **1,85 %**

reduction in
greenhouse gas
emissions

Given the size of the market, the liters of fuel saved and consequently the GHG emissions avoided using TotalEnergies Ecosolutions lubricant represent significant environmental gains.

EXTERNAL VERIFICATION

Independent auditor EY has verified that this product was labeled according to the method described in the TotalEnergies Ecosolutions Guidelines and that the guidelines comply with the principles set out in the ISO 14020 and 14021 standards which govern environmental claims and particularly their accuracy.

■ **Label award date:** 2022 – Guidelines V8

■ **Label term:** December 2026

■ **Geographical scope:** Europe

Leveraging innovation to serve continuous improvement, the TotalEnergies Ecosolutions program involves developing products and services that enable our customers to improve their environmental footprint. For any question or to learn more about the TotalEnergies Ecosolutions program and the labeled products and services, go to: www.ecosolutions.totalenergies.com/en