

# QUARTZ

ENGINE OIL

## Quartz Ineo Efficiency 0W-30

technical product sheet



**Quartz Ineo Efficiency 0W-30** is the newest generation of premium engine oil optimized for both thermal and hybrid engines.

Crafted by TotalEnergies' engineers in our cutting-edge research center in France, **Quartz Ineo Efficiency 0W-30 exceeds the latest and stringent BMW LL-19FE and BMW LL-12FE specifications.** With unrivaled fuel economy and engine cleanliness performances, **Quartz Ineo Efficiency 0W-30** is the best choice to keep your engine younger for longer.



**TotalEnergies**





### Official Standards

#### International specifications:

- ACEA C2, C3
- API SP

#### Manufacturer's approvals:

- BMW LL-19FE
- BMW LL-12FE
- BMW LL-04
- Recommended by Kia

### Available formats

#### Small packaging:

- 1-L (12B1L)
- 5-L (3B5L)

#### Large packaging:

- Quartz Box (20-L)
- Drum (208-L)
- IBC (1000-L)
- Bulk

### Discover more

#### Quartz product offer & BMW's specifications

- BMW LL-22FE++:  
Quartz Ineo Xtra Efficiency 0W-12
- BMW LL-19FE:  
Quartz Ineo Efficiency 0W-30
- BMW LL-17FE:  
Quartz Ineo Xtra Dynamics 0W-20
- BMW LL-12FE:  
Quartz Ineo Efficiency 0W-30
- BMW LL-04:  
Quartz Ineo Efficiency 0W-30  
Quartz Ineo Long Life 0W-30  
Quartz Ineo Long Life 5W-30  
Quartz Ineo MC3 5W-30  
Quartz Ineo FGO 5W-40
- BMW LL-01:  
Quartz 9000 Energy 5W-30

## Quartz Ineo Efficiency 0W-30

Quartz Ineo Efficiency 0W-30 is an advanced synthetic engine oil crafted by our engineers in our cutting-edge research center in France, the CreS.

Exclusively developed to meet the latest and stringent BMW LL-19FE specification, Quartz Ineo Efficiency 0W-30 is the one and only engine oil officially approved by BMW with this level of performance.

Quartz Ineo Efficiency 0W-30 is perfectly shaped for the newest generation of BMW's engines providing enhanced cleanliness, advanced protection and significant fuel economy thanks to its unique formula.

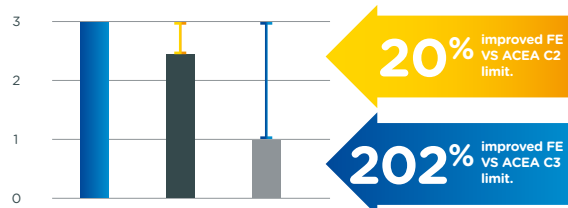
### Unbeatable Fuel Economy performance

Quartz Ineo Efficiency 0W-30 surpasses the demanding ACEA C2, ACEA C3 Fuel Economy requirements (M111 Fuel Economy test) and delivers exceptional Fuel Economy performance.

- Quartz Ineo Efficiency 0W-30
- Standard limit ACEA C2
- Standard limit ACEA C3

#### Fuel Economy test (ACEA M111 FE)

Fuel consumption reduction vs. Reference oil (%)



### Advanced cleanliness properties

Quartz Ineo Efficiency 0W-30 provides advanced level of cleanliness.

With Quartz Ineo Efficiency 0W-30, engine remains protected and free of sludge under any conditions.

#### Gasoline DI Engine Cleanliness Test EP6CDT (CEC L-111-16)



### Outstanding engine protection

#HYBRIDCOMPATIBLE

Hybrid vehicles operate at lower temperatures on average than 100% thermic vehicles. Engines are affected by corrosion and oil-water emulsion formation (sludge).

BMW introduced a new test to measure capability of the engine oil to fight these challenges. Quartz Ineo Efficiency 0W-30 reaches outstanding results, confirming its #HybridCompatibility properties.

#### BMW In-Use Corrosion Test

