

Eco-Science  
Technology

## THE BEST ENGINE CARE FOR MAXIMIZED PERFORMANCE



Eco-Science Technology optimizes engine care, helps lower fuel consumption and ensures a longer lifespan for engines.

Up to

**4.01%**  
Fuel Economy<sup>1</sup>

Meaning, up to

**33%** improved  
Fuel Economy  
compared to industry  
limits.<sup>2</sup>

<sup>1</sup> Based on the ACEA M111 Fuel Economy test. Result for Quartz Ineo XTRA Dynamics 0W-20 compared to the industry reference as defined by the European Automobile Manufacturers' Association (ACEA).

<sup>2</sup> Result for Quartz Ineo XTRA Dynamics 0W-20 compared to the industry reference as defined by the European Automobile Manufacturers' Association (ACEA).

Age-Resistance  
Technology

## THE NEXT GEN OIL FOR OUTSTANDING PROTECTION



Quartz engine oils with Age-Resistance Technology offers greater protection to keep your engine younger for longer.

Up to

**74%** less wear  
compared to industry  
limits.<sup>3</sup>

<sup>3</sup> Based on the ACEA OM646LA test. Result for Quartz 9000 5W-40 compared to the industry reference as defined by the European Automobile Manufacturers' Association (ACEA).

## TotalEnergies - A Leading Global Energy Company

Every day, TotalEnergies serves more than 8 million customers in our network of over 17,000 service stations in 62 countries. As the world's fourth-largest distributor of lubricants, we operate 50 production sites worldwide where we manufacture the lubricants, bitumen, additives, special fuels and fluids that sustain our growth.

TotalEnergies is a major energy player that produces and markets fuels, natural gas and low-carbon electricity. Our 98,000 employees are committed to better energy that is safer, more affordable, cleaner and accessible to as many people as possible. Active in more than 130 countries, our ambition is to become the responsible energy major.

# QUARTZ

ENGINE OIL



TotalEnergies Marketing USA, Inc  
5 North Stiles Street  
Linden, NJ 07036

📞 1-800-323-3198

🌐 [services.us.totalenergies.com](https://services.us.totalenergies.com)

## Developed by TotalEnergies. Approved by BMW.



### TotalEnergies



### TotalEnergies



# Quartz Engine Oil – Approved oils for your BMW

Quartz XTRA is an advanced synthetic, top-notch range designed for the latest downsized and hybrid engines. Quartz XTRA utilizes our innovative Eco-Science Technology to improve engine life and efficiency, optimize engine care and lower fuel consumption.



Quartz Ineo XTRA Efficiency 0W-12	LL-22FE++
Quartz Ineo XTRA Dynamics 0W-20	LL-17FE+/LL-14FE+

Quartz Ineo is engineered with low SAPS technology for vehicles with particulate filters and post-treatment systems to meet the most stringent emission requirements. Using Age-Resistance Technology, the Quartz Ineo range offers unbeatable



engine protection to keep your engine younger for longer. Engines are protected against a variety of challenges, from wear to oil oxidation, even at extreme temperatures.

Quartz Ineo Efficiency 0W-30	LL-04/LL-12*/LL-19FE
Quartz Ineo MC3 5W-30	LL-04
Quartz Ineo Long Life 5W-30	LL-04
Quartz Ineo FGO 5W-40	LL-04

\*Meets requirements

Quartz 9000 is our top-tier range for vehicles not equipped with particulate filters.

Using Age-Resistance Technology, Quartz 9000 provides outstanding engine performance and ultimate protection against mechanical wear and extreme temperatures, even under frequent stop and start conditions.



Quartz 9000 Energy 0W-30	LL-01
Quartz 9000 Energy 0W-40	LL-01
Quartz 9000 Energy 5W-30	LL-01
Quartz 9000 Energy 5W-40	LL-01

## Why Approved Engine Oils Matter

When it comes to your vehicle, a recommended oil is not the same as an approved oil. Not all engine oils carry automotive manufacturer's official approvals like our Quartz Engine Oil range. Our oils are specially designed for your BMW using cutting-edge technology to meet or exceed the latest requirements for your specific engine.

Our Research and Development team works side by side with BMW to develop new and innovative oils that offer the best protection for your engine. Each oil is thoroughly tested before it is given an approval, which is why using unapproved products could void your warranty. To get peak performance, only use oils that carry the manufacturer's approval like our Quartz Engine Oil range.

## Benefits of using Quartz Engine Oils

- Maximize performance and increase engine life with the use of high-tech additives
- Provides excellent engine protection and cleanliness
- Provides easier cold starts
- Protects the environment by reducing CO<sub>2</sub> emissions

Sent:  
To:  
Subject:

04 September 2022 01:05  
Alexandros Piliichos  
Engineoil approval: extension of an oil release

### BMW Fluid Approval System (BFAS) Extension of an oil release.

Dear Mr/Ms,

The BMW Longlife-04 release for your oil IME 1604929-A has been extended for 2 more years until 03-09-2024. An approval may expire prematurely, if the approval of the reference formulation expires. Information regarding these cases cannot be provided by BMW, but have to be exchanged among the involved business partners (holder of the reference formulation & holder of the reblend or rebrand formulation).

#### Oil company:

Name: TOTALENERGIES LUBRIFIANTS S.A.  
Street: 562 AV DU PARC DE L'ILE  
City: 92000 Nanterre  
Country: France

#### Engine oil data:

Sales designation: QUARTZ INEO FGO 5W-40  
SAE-Class: SAE 5W-40  
Producer name: Total Lubrifiants  
ACEA sequences: C3  
Sales region: Worldwide  
Oil code: IME 1604929-A  
BMW engine oil specification: Longlife-04 / alternative:

