

**QUARTZ**  
ENGINE OIL



# Engine oil lubricants range



**TotalEnergies**

[totalenergies.id](https://totalenergies.id)



# Daftar isi

<b>TotalEnergies, a broad energy company</b>	<b>4</b>
<b>Packaging highlight, performance at first sight</b>	<b>6</b>
<b>Quartz, state-of-the-art technology</b>	<b>8</b>
<b>Quartz product range:</b>	
• Quartz Ineo	10
• Quartz 9000	11
• Quartz 8000	12
• Quartz 7000	13
• Quartz 5000	14
• Fluidmatic	15
• Transtec	16
• Brake fluid	17
<b>Behind our trade-names</b>	<b>18</b>
<b>Quartz, the track is our lab</b>	<b>19</b>
<b>Services and digital solutions</b>	<b>20</b>

### TotalEnergies, a broad energy company.

Energy is reinventing itself, Total is becoming TotalEnergies.

TotalEnergies is a broad energy company that produces and markets energies on a global scale: oil and biofuels, natural gas and green gases, renewables and electricity. Our 100,000 employees are committed to energy that is ever more affordable, clean, reliable and accessible to as many people as possible. Active in more than 130 countries, TotalEnergies puts sustainable development in all its dimensions at the heart of its projects and operations to contribute to the well-being of people.

### A leading global energy company.

TotalEnergies' Marketing & Services business segment offers its professional and private customers a wide range of broad energy products and services - petroleum products, biofuels, charging and related services for electric vehicles, gas for road and maritime transportation - to support them in their mobility and help them reduce their carbon footprint. Every day, over 8 million customers visit our 16,000 service-stations all over the world. As the world's number four in lubricants, we design and sell high performance products for the automotive, industrial and maritime sectors. And to provide the best response to the needs of our B2B customers, we deploy our sales forces, our international logistics network and our diverse offering. We operate in 107 countries, where our 31,000 employees stand close to all of our customers.

### Cutting edge R&D in lubricant innovation for over 70 years.

TotalEnergies Lubrifiants is a leading global manufacturer and marketer of lubricants. It has 42 production plants worldwide, more than 5,800 employees and distributes its products in 160 countries. The Lubrifiants activity of TotalEnergies offers innovative, efficient and environmentally responsible products and services developed at its R&D centers by more than 130 researchers. TotalEnergies is a partner of choice for the automotive, industrial and marine markets.



# Quartz: Driving lubricants innovation for all types of engines

**Quartz deals with the demands of a diversified customer base every day. From motorsports teams and top racers to real-life experts, such as manufacturers and mechanics, our oil is tailored to meet all customer needs.**

Quartz engineers have capitalized on 70 years of experience to design formulas with unprecedented molecular interactions. Each product contains specific hyperactive molecules that create the desired effect: Quartz series are empowered with the newest technologies.

Thanks to a long history of bold R&D, our Quartz engine oils exceed even the most demanding requirements of car manufacturers. Quartz products are tested and approved by Major Automobile Manufacturers (Original Equipment Manufacturers – OEMs). These product approvals are the official guarantee proving that Quartz products are 100% compatible with the equipment and technology of these related manufacturers. Quartz engine oils not only enhance engine cleanliness, boost engine protection but also improve fuel efficiency<sup>1</sup>.



<sup>1</sup> When dedicated "Fuel Economy" products are used.

# Packaging highlights, performance at first sight

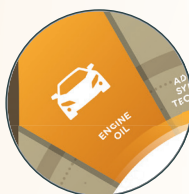
## SIMPLICITY, PERFORMANCE, & EFFICIENCY

In 2020, TotalEnergies Lubrificants ranges have been entirely revamped to offer a high level of efficiency and innovation (new bottles, new labels, new ranges).

With TotalEnergies Lubrificants, a new vision of performance for your everyday life is ahead

## NEW DASHBOARD CONCEPT

Introduction of a new label design inspired by car dashboards, with panels that display product marketing and technical information (educational pictograms, product features, clear viscosity grade, technical profile indication).



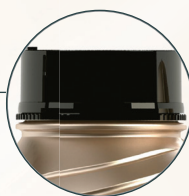
## ADDITIONAL FEATURES

Need to authenticate and get more information about one of our products?

Just scan the QR code to be redirected to our website.



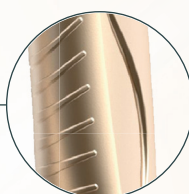
<sup>1</sup> For all the Quartz Ineo Xtra and Quartz 9000 Xtra products made in Europe.



## BETTER PRECISION, LESS OIL LOSS

No more splashes or leaks when pouring your lubricant.

The caps have been redesigned for a simple and efficient use.



## USER-FRIENDLY HANDLE

The new big side handle has been rethought to facilitate the carrying and pouring of the product.



## PRODUCT BENEFITS, NEW TECHNOLOGIES

Dedicated starburst to highlight product benefits have been designed to translate the high quality of our Quartz ranges. Choose yours according to the needs of your vehicle.



Complete technical profile, international Specifications and OEMs approvals.

Tampak depan

Tampak belakang



# Quartz, state-of-the-art technology

Advanced technology



Age-Resistance technology

## THE NEXT GEN OIL FOR OUTSTANDING PROTECTION

Age-Resistance technology brings engines an expert's protection, to fight all challenges over the long run.

PROTECTION

CLEANLINESS

Standard technology



Clean-Shield technology

## THE ACTIVE ENGINE CLEANING TECHNOLOGY

Clean-Shield technology keeps drivers away from any worry by ensuring that engines remain protected and free of sludge.

CLEANLINESS

Up to

**74% less wear**

compared to industry limits.<sup>1</sup>



#### **Quartz Ineo**

Advanced Synthetic Technology  
Low Saps  
Fuel Economy<sup>3</sup>

#### **Quartz 9000**

Advanced Synthetic Technology  
Normal Saps  
Fuel Economy<sup>3</sup>

Up to

**64% cleaner**

compared to industry limits.<sup>2</sup>



#### **Quartz 8000**

Advanced Synthetic Technology  
Normal Saps  
Fuel Economy<sup>3</sup>

#### **Quartz 7000**

Synthetic Technology  
Normal Saps

#### **Quartz 5000**

High-Performance Technology  
Normal Saps

<sup>1</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).

<sup>2</sup> Based on the API Sequence IIIF test. Result for Quartz 5000 15W-40 compared to the industry reference as defined by the American Petroleum Institute (API).

<sup>3</sup> When dedicated "Fuel Economy" products are used.



# Quartz Ineo range



**Quartz Ineo is our top tier range specially formulated for vehicles equipped with particulate filters, and more largely recommended for all vehicles equipped with post-treatment systems.**

Quartz Ineo range, with Age-Resistance technology offers unbeatable engine protection. Its 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.



**Quartz INEO MC3**  
5W-30



**Quartz INEO HTC**  
5W-30



## Quartz Ineo range prerequisites:



Ultimate Protection against oil oxidation



Fuel Economy performance<sup>1</sup>



OEM<sup>2</sup> claims



Advanced Synthetic technology



Low Saps compatibility

Quartz Ineo products		Features			International specifications		OEM Homologations (Original Equipment Manufacturers)	
Commercial product name	Viscosity grade	Advanced Synthetic Technology	Fuel Economy	Low Saps	ACEA	API	Approvals	Meets the requirements of
Quartz Ineo HTC	5W-30	✓		✓	C3	SN Plus	PSA B71 2297 PSA B71 2290	
UPGRADED Quartz Ineo MC3		✓		✓	C3	SN Plus/CF	BMW LL-04 MB-Approval 229.52 Opel/Vauxhall OV 040 1547 - G30 Opel/Vauxhall OV 040 1547 - D30 Recommended by Kia	GM Dexos 2 Chrysler MS-11106 VW 505.01 Suitable for Fiat 9.55535-S3

1. When dedicated "Fuel Economy" products are used.

2. Original Equipment Manufacturers

# Quartz 9000 range

9000

Quartz 9000 is our top tier range composed of products designed for vehicles not equipped with particulate filters, offering a wide scope of use. Quartz 9000 products

are developed to provide your engine with the highest level of protection, performance and durability.

Quartz 9000 range relies on the exclusive Age-Resistance technology. Quartz 9000, with Age-Resistance technology provides ultimate protection against mechanical wear or extreme temperatures, and outstanding engine performance throughout its lifespan, even under frequent stop and start conditions.



**Quartz 9000  
Future GF6**  
0W-20, 5W-30



**Quartz 9000 SN**  
5W-40



## Quartz 9000 range prerequisites:



Ultimate Protection  
against oil oxidation



Fuel Economy  
performance<sup>1</sup>



OEM<sup>2</sup> claims



Advanced Synthetic  
technology



Normal Saps  
compatibility

Quartz 9000 products		Features		International specifications			OEM Homologations (Original Equipment Manufacturers)	
Commercial product name	Viscosity grade	Advanced Synthetic Technology	Fuel Economy	ACEA	API	ILSAC	Approvals	Meets the requirements of
Quartz 9000 Future GF6	0W-20	✓	✓		SP	GF-6A		
Quartz 9000 Future GF6	5W-30	✓	✓		SP	GF-6A		
Quartz 9000	5W-40	✓		A3/B4	SN/CF		PSA B71 2296, Renault RN 0700/0710, MB-Approval 229.5, VW 502.00/505.00, Porsche A40	Chrysler MS-12991, Fiat 9.55535-M2, Suitable for Fiat 9.55535-N2, Suitable for Fiat 9.55535-G2, Suitable for Fiat 9.55535-Z2

1. When dedicated "Fuel Economy" products are used.

2. Original Equipment Manufacturers

# Quartz 8000 range



**Quartz 8000 is our advanced synthetic technology engine oil that provide the best protection against wear and deposits.**

The post-treatment systems for petrol engines, which are sensitive to the lubricants used and expensive to maintain, are also protected over the long-term thanks to the product's low phosphorus content. Quartz 8000 oils with Clean-Shield technology, reduce internal friction within the engine as much as possible so that it can deliver full power, while at the same time generating fuel savings.



## Quartz 8000 Future GF6 0W-20



### Quartz 8000 range prerequisites:



Fuel Economy  
performance<sup>1</sup>



Normal Saps  
compatibility



Advanced Synthetic  
technology

Quartz 8000 products		Features		International specifications			OEM Homologations (Original Equipment Manufacturers)	
Commercial product name	Viscosity grade	Advanced Synthetic Technology	Fuel Economy	ACEA	API	ILSAC	Approvals	Meets the requirements of
Quartz 8000 Future GF6	0W-20	✓	✓		SP	GF-6A		

<sup>1</sup> When dedicated "Fuel Economy" products are used.

# Quartz 7000 range



**Quartz 7000 is our range of semi-synthetic products, providing effective and impeccable engine cleanliness.**

Fighting against major causes of breakdowns, Quartz 7000 with Clean-Shield technology is the oil of choice across the globe to guarantee engine cleanliness during the entire drain interval and after oil change.



**Quartz 7000  
Future GF6  
5W-30**



**Quartz 7000 SN  
10W-40**



## Quartz 7000 range prerequisites:



Advanced Cleanliness,  
even in extreme  
conditions



Normal Saps  
compatibility



Synthetic technology  
(Semi-synthetic)



OEM<sup>1</sup> claims

Quartz 7000 products		Features		International specifications		
Commercial product name	Viscosity grade	Semi-Synthetic Technology	Fuel Economy	ACEA	API	ILSAC
Quartz 7000 Future GF6	5W-30	✓	✓		SP	GF-6A
Quartz 7000 SN	10W-40	✓			SN/(CF)	

<sup>1</sup> Original Equipment Manufacturers.



# Quartz 5000 range



**Quartz 5000 is our high performance technology engine oil range, developed to provide advanced cleanliness.**

Quartz 5000 range relies on the Clean-Shield technology. Thanks to advanced detergent molecules designed to capture and isolate dirt such as sludge and soot, Clean-Shield technology keeps engines clean in the long term.



**Quartz 5000 SN**  
15W-40



**Quartz 5000 SN**  
20W-50



## Quartz 5000 range prerequisites:



Advanced  
Cleanliness



Normal Saps  
compatibility



Excellent temperature  
resistance



High-performance  
technology

Quartz 5000 products		Features		International specifications	
Commercial product name	Viscosity grade	High-Performance Technology	Fuel Economy	ACEA	API
Quartz 5000 SN	15W-40	✓			SN/(CF)
Quartz 5000 SN	20W-50	✓			SN/(CF)



# Automatic transmission oil



**Fluidmatic  
CVT MV**

Fluidmatic CVT MV is a premium continuously variable transmission (CVT) fluid designed for use in belt and chain CV gearboxes fitted in many Asian, North American and European designed vehicles. Enhanced fuel economy benefits of CVT gearbox with adapted static and dynamic friction performances.



**Fluidmatic  
LV MV**

Fluidmatic LV MV is an innovative low viscosity ATF based on fully synthetic technology specially developed to meet the needs of modern 6 to 8 speeds step automatic gearboxes to be lubricated with low viscosity oil with heavier load carrying capability for enhanced fuel saving, and fitted in a variety of Asian, European and North American designed passenger cars.



**Fluidmatic  
MV**

Fluidmatic MV is a premium ATF based on an advanced synthetic technology specially for use in a broad range automatic gearboxes in Asian, European and American designed passenger cars. Particularly suitable for 4, 5 and 6 speeds automatic transmissions.



**Fluidmatic  
DII MV**

Fluidmatic DII MV is a premium automatic transmission fluid recommended for heavy duty transmission and power steering systems specifying a Dexron II fluid. Also suitable for use in some special hydraulic systems in farm equipment and other installations having similar fluid requirements.

# Manual transmission oil



**Transtec 4  
85W-90**

Transtec 4 is a high quality transmission oil designed for a wide range of engines requiring API GL-4.



**Transtec 5  
80W-90**

is a high performance multi-purpose extreme-pressure mechanical transmission fluid specially formulated with advance thermally stable Sulphur-phosphorous additives. Recommended for the lubrication of automotive hypoid gear differentials, heavy duty non-synchronized manual transmissions, transfer boxes, steering gears of both light duty and heavy duty automotive vehicles, agricultural machinery, civil engineering and handling equipment where a API GL-5 oil is specified.

# Brake fluid

Brake  
fluid



**HBF 3**

HBF 3 is a synthetic brake fluid designed for use in brake and clutch systems of all vehicles requiring a DOT 3 fluid. Mixed safely with all other similar products. Not compatible with silicone fluids or mineral oils such as LHM.

Recommended to change every 24 months.



**HBF 4**

HBF 4 is a high performance synthetic brake fluid designed for use in brake and clutch systems of all vehicles requiring a DOT 4 fluid. Mixed safely with all other similar products. Not compatible with silicone fluids or mineral oils such as LHM.

Recommended to change every 24 months.

# Behind our trade-names

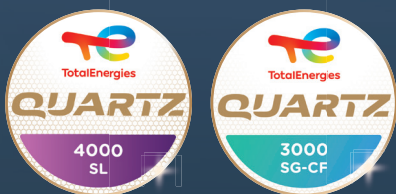
Find out more about our products trade-names and their different meanings.



## Quartz Future series

Quartz X000 Future series is specifically developed to cope with API and ILSAC sequences.

Our Quartz Future series covers products in our Quartz 7000, Quartz 8000, and Quartz 9000 ranges.



## Quartz products with API indication

Quartz products with API indication in their trade-names have a strict API profile.

**Quartz X000 Future GF6:**  
Product with strict  
API SP/ ILSAC Profiles.

**Quartz 4000 SL**  
is strictly API SL(/CF)  
without any homologations.



# Quartz, the track is our lab

## Born from motorsports:

To guarantee the best performance of our engine oils, we have been involved in motorsport competitions worldwide for over 45 years with hundreds of victories and multiple FIA World Champion titles.

We have experienced some of the toughest track conditions known to man, the roughest deserts, the fastest racing circuits and the snowiest mountains. While most engine oils would shy away from these harsh competitive environments; they have become the ideal testing grounds for Quartz. Therefore, the engineers who have developed our competition oils have developed our Quartz lubricants range, creating a cutting-edge technology that provides the ultimate engine protection and guarantees optimal performance from the racing track to your car.



## Performing to the extremes



### Endurance race

Endurance is the ultimate test of the engine's long-lasting performance.

The performances of our partners in highly demanding races such as 24 Hours of Le Mans have proven the reliability of Quartz engine oils.



### Quartz. Tested on the track, available to everyone.

Our experience in motorsport racing competitions has enabled us to formulate Quartz engine oils that meet the highest standards of protection and performance even in the most demanding conditions or extreme weather.

**Recommended by  
the best in motorspor**





# Services and digital solutions

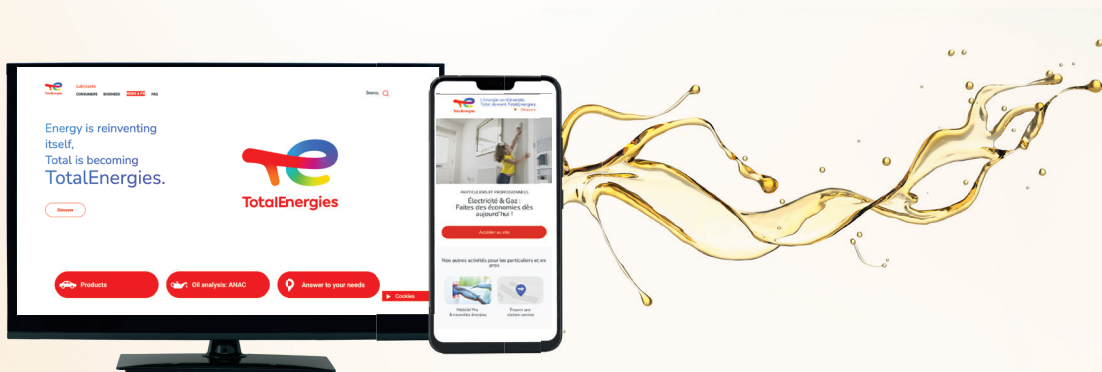
## **LubConsult:** Recommendation. Which oil does my car need?

Want to know which engine oil your car, motorcycle, van, truck, bus, coach, agricultural or construction machinery requires?

LubConsult by TotalEnergies Lubrificants has the answer.

LubConsult is a digital service based on technical support and product recommendations.

With our LubConsult tool you can easily find the right oil recommended by our expert engineers for use with your car.





**TotalEnergies**

[totalenergies.id](https://totalenergies.id)