

# QUARTZ

ENGINE OIL



**TotalEnergies**

Engine oil  
**Lubricants**  
**range**

[lubricants.totalenergies.com](https://lubricants.totalenergies.com)



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### **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>.

**Quartz: Driving lubricants  
innovation for all types  
of engines**



<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). Since 2021, TotalEnergies Lubrificants is thriving in a changing world and is introducing a breakthrough packaging innovation<sup>1</sup>: a new bottle made with 50% recycled plastic and 100% recyclable.

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).

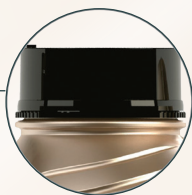
## ADDITIONAL FEATURES

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.

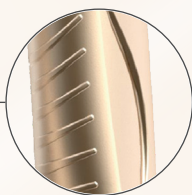




## BETTER PRECISION, LESS OIL LOSS

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.



Detailed technical profile, international standards and car manufacturer approvals.

Front of pack

Back of pack



# Quartz, state-of-the-art technology

Circular technology



## 3R technology

### CIRCULAR INNOVATION, APPROVED BY MANUFACTURERS

3R technology is an innovative process whereby used oils are regenerated, to guarantee performance that is equivalent to that of conventional engine oils, while optimising the use of resources.

ECO-DESIGNED REGENERATED BASE OIL PROTECTION CLEANLINESS

Advanced technology



## Eco-Science technology

### THE BEST ENGINE CARE FOR MAXIMISED PERFORMANCE

Eco-Science technology optimises engine care, helps lowering fuel consumption and ensures a longer lifespan to engines.

FUEL ECONOMY LONGEVITY PROTECTION CLEANLINESS

Standard 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



## 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

<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> Based on the API Seq IIIB – High Temperature oil thickening test. Result for Quartz Ineo Xtra V-Drive 0W-20 compared to the industry reference as defined by the American Petroleum Institute (API).

<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).

<sup>4</sup> Based on the API Sequence IIF test. Result for Quartz 5000 15W-40 compared to the industry reference as defined by the American Petroleum Institute (API).

<sup>5</sup> When dedicated "Fuel Economy" products are used.

# QUARTZ

## ENGINE OIL

Up to  
**100%**  
regenerated base oil



**Quartz EV3R**  
Circular technology  
Eco-design

Up to  
**4%**  
Fuel economy<sup>1</sup>

And up to  
**15X**  
stronger oil stability  
compared to industry limits.<sup>2</sup>



**Quartz Ineo Xtra**  
Advanced Synthetic Technology  
Low SAPS  
Xtra Fuel Economy

**Quartz 9000 Xtra**  
Advanced Synthetic Technology  
Normal SAPS

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



**Quartz Ineo**  
Advanced Synthetic Technology  
Normal SAPS  
Fuel Economy<sup>5</sup>

**Quartz 9000**  
Advanced Synthetic Technology  
Normal SAPS  
Fuel Economy<sup>5</sup>

Up to  
**64%** cleaner  
compared to industry limits.<sup>4</sup>



**Quartz 7000**  
Synthetic technology  
Normal SAPS

**Quartz 5000**  
High performance technology  
Normal SAPS

**Quartz 4000**  
High performance technology  
Normal SAPS

**Quartz 3000**  
High performance technology  
Normal SAPS



# Quartz EV3R: Regeneration for a new generation



In an ever-changing world, TotalEnergies Lubrificants has developed a new-generation engine oil, formulated using regenerated base oil (RRBO), while maintaining manufacturer approvals and the exceptional performances of its products.

These regenerated base oils (RRBO) are derived from our state-of-the-art re-refining processes. Once collected, used oils undergo several rigorous treatments to obtain base oils with properties similar to those of virgin base oils. Thanks to this process, we give new life to our products and actively contribute to their circularity in our industry.

The EV3R range is based on 3 key cornerstones, directly linked to our 3R concept – **Reduce, Reuse, Regenerate**:

- Products must be eco-designed and formulated with a minimum of 50% regenerated base oil (RRBO), thus contributing to a significant reduction in the use of natural resources.
- Drawing on the know-how of our technical teams and our research centre, products must demonstrate the same performance as those formulated from virgin base oil, while passing the rigorous tests required for car manufacturer approval.
- Our product packaging is made from 50% recycled plastic and is fully recyclable.

**3R** Reduce  
Reuse  
Regenerate



**Regenerated  
base oils**



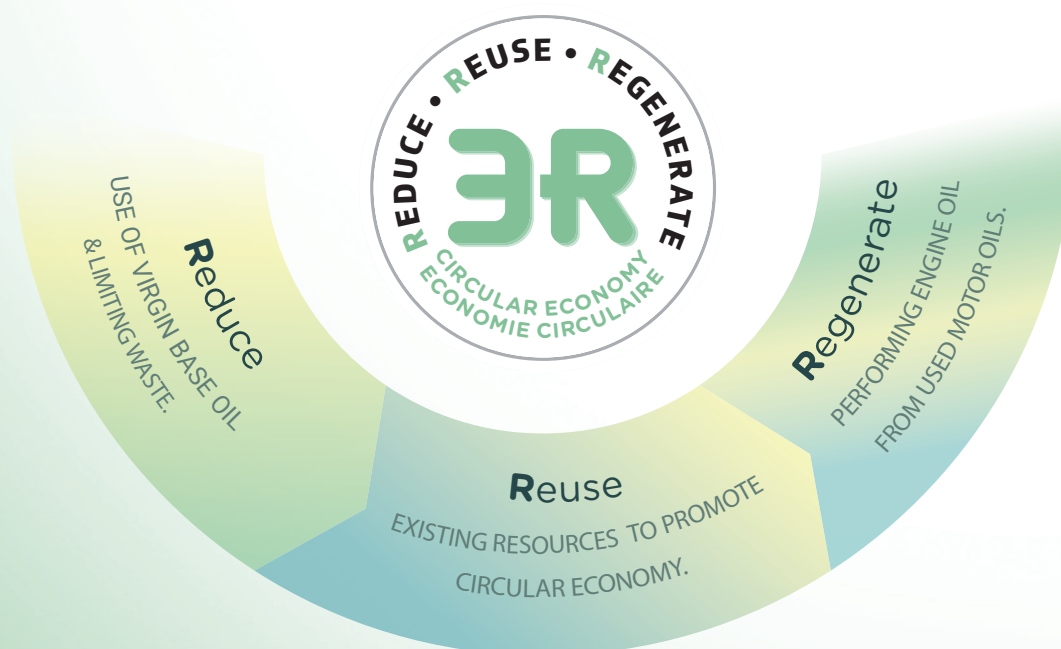
**Eco-designed**





## EV3R – Chosen for the future

### Performance and resource optimisation: a winning duo



#### Quartz EV3R 10W-40 kicks off the EV3R range.

Formulated with 100% regenerated base oils (RRBO), this innovative product is the first on the market to benefit from official vehicle manufacturer approvals.

#### Quartz EV3R 5W-40 is the new innovation from the EV3R range.

Formulated with 50% regenerated base oil (RRBO), this new-generation engine oil is the result of our expertise and our commitment to excellence. It has obtained the same manufacturer approvals as our conventional Quartz 9000 5W-40 engine oil, so you are guaranteed optimum performance and protection, without compromise.

Quartz EV3R 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 EV3R	5W-40				A3/B4	SP	PSA B71 2296 RN 0700/0710	VW 502.00/505.00 MB 229.5
Quartz EV3R	10W-40				A3/B4	SN	VW 501.01/505.00 RN 0710/0700 PSA B71 2300	MB 229.3

# Quartz Xtra range

**Quartz Xtra is the new top-notch range designed for the latest downsized and hybrid engines.**

**Quartz Xtra benefits from the innovative Eco-Science technology.**

Eco-Science technology improves engine life and efficiency, optimizes engine care and lowers fuel consumption. In other words, Quartz Xtra engine oils with Eco-Science technology not only remove impurities and protect engines, but also provide additional benefits such as significant fuel economy and optimal engine care for maximized performance.

**Quartz Xtra is composed of 2 sub-ranges:**

- Quartz Ineo Xtra, for vehicles equipped with particulate filters.
- Quartz 9000 Xtra, for vehicles not equipped with particulate filters.

Quartz Xtra range is characterized by its fluidity and exceptional fuel economy properties which make it a perfect fit with the most recent engines, especially for hybrid vehicles.

**Ahead of its time through smart design.**

With the brand-new Quartz Xtra series, TotalEnergies Lubrifiants aims to reduce the use of plastic by using better alternatives meaning recycled content and recyclable plastics. Quartz Ineo Xtra and Quartz 9000 Xtra ranges, made in Europe, introduce an innovative packaging designed with **50% recycled plastic**.

**Quartz Xtra, pushing Fuel Economy further.**

**Quartz Xtra, the perfect fit for Hybrid engines.**



**Quartz Xtra range prerequisites are amongst the most stringent:**



Hybrid compatible



Xtra Fuel Economy performance<sup>1</sup>



0W-20  
or more fluid grade



Low SAPS  
(and Normal SAPs)  
compatibility



Original Equipment  
Manufacturer  
approvals<sup>2</sup>



Ultimate Protection  
against oil oxidation



<sup>1</sup> Up to 4% Fuel Economy. 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> Based on the API Seq IIH - High Temperature oil thickening test. Result for Quartz Ineo Xtra V-Drive 0W-20 compared to the industry reference as defined by the American Petroleum Institute (API).

Quartz Ineo Xtra Products		Features			International Specifications			Homologat OEM Homologations (Original Equipment Manufacturers) ions Constructeurs	
Commercial Product Name	Viscosity grade	Advanced Synthetic Technology	Xtra Fuel Economy	Low SAPS	ACEA	API	ILSAC	Approvals	Meets the requirements of
Quartz Ineo Xtra Dynamics	0W-20	✓	✓	✓	C5	SN-RC	GF-5	ASTON MARTIN Twin Turbo V12 engines: Service fill approved BMW LL-17 FE+ (backward compatible BMW LL-14FE+)	Ford WSS-M2C952-A1
<b>NEW</b> Quartz Ineo Xtra EC6		✓	✓	✓	C6, C5	SP/RC	GF-6A	ASTON MARTIN Twin Turbo V12 engines: Service fill approved MB-Approval 229.72 (backward compatible 229.71) Opel/Vauxhall OV 040 1547 - A20 Ford WSS-M2C947-B1 Ford WSS-M2C962-A1 Jaguar Land Rover STJLR 03.5006 Volvo VCC RBS0-2AE Ford WSS-M2C954-A1	Fiat 9.55535-GSX Chrysler MS-12145
Quartz Ineo Xtra First		✓	✓	✓	C5			PSA B71 2010 Opel/Vauxhall OV 040 1547 - A20	Fiat 9.55535-DM1
<b>UPGRADED</b> Quartz Ineo Xtra Long Life		✓	✓	✓	C6, C5	SP (RC)	GF-6A	VW 508.00/509.00 Porsche C20 Ford WSS-M2C956-A1	
<b>NEW</b> Quartz Ineo Xtra FDE		✓	✓	✓	C6, C5	SP		Dexos D™ (license number: DD2514DC070) MB-Approval 229.71 Opel/Vauxhall OV 040 1547 - A20 Ford WSS-M2C952-A1 Jaguar Land Rover STJLR 03-5006	
Quartz Ineo Xtra C5		✓	✓	✓	C5	SN		MB-Approval 229.71, Jaguar Land Rover STJLR.51.5122	
Quartz Ineo Xtra HKR C5		✓	✓	✓	C5	SP	GF-6A	Recommended by Kia	

Quartz 9000 Xtra Products		Features		International Specifications			OEM Homologations (Original Equipment Manufacturers)	
Commercial Product Name	Viscosity grade	Advanced Synthetic Technology	Xtra Fuel Economy	API	ILSAC	JASO	Approvals	Meets the requirements of
<b>NEW</b> Quartz 9000 Xtra	0W-8	✓	✓			Jaso GLV-1		Toyota, Mazda, Nissan, Mitsubishi
Quartz 9000 Xtra Future XT	0W-16	✓	✓	SP-RC	GF-6B			Toyota, Honda, Nissan, Mitsubishi, Suzuki, Mazda
Quartz 9000 Xtra Future XT	0W-20	✓	✓	SP	GF-6A		Ford WSS-M2C962-A1	Toyota, Honda, Nissan, Mitsubishi, Suzuki, Mazda, Hyundai and Kia Motors
<b>UPGRADED</b> Quartz 9000 Xtra Future FGC		✓	✓	SP	GF-6A		GM dexos1™ Gen3 approved Ford WSS-M2C962-A1	Chrysler MS 6395 Toyota, Honda, Nissan, Mitsubishi, Suzuki, Subaru, Mazda, Hyundai and Kia Motors

Ecosolutions label by TotalEnergies:

**62%** of the products in the Quartz Xtra range

carry the Ecosolutions label, which is certified by an independent body based on extremely rigorous specifications and manufacturing processes.

Find out more information on [www.ecosolutions.totalenergies.com](http://www.ecosolutions.totalenergies.com)

**eco**  
**solutions**



# 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 range prerequisites:



Ultimate Protection against oil oxidation



Fuel Economy performance<sup>1</sup>



Advanced Synthetic technology



Low SAPS compatibility



Original Equipment Manufacturer approvals

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

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
<small>UPGRADED</small> Quartz Ineo Efficiency	0W-30	✓	✓	✓	C2, C3	SP	BMW LL-04 BMW LL-19FE Recommended by Kia	BMW LL-12FE
Quartz Ineo FDE		✓	✓	✓	C2	SN	Ford WSS-M2C950-A, Jaguar Land Rover STJLR.03.5007	
<small>UPGRADED</small> Quartz Ineo First		✓	✓	✓	C2	SN Plus	PSA B71 2312 PSA B71 2302	Jaguar Land Rover STJLR.03.5007 Fiat 9.55535-GS1 Fiat 9.55535-DS1 Toyota
<small>UPGRADED</small> Quartz Ineo Long Life		✓		✓	C3		VW 504.00/507.00 Porsche C30 BMW LL-04	
Quartz Ineo Pro		✓	✓				Stellantis 9.55535-DH1	
Quartz Ineo C1	5W-30	✓	✓	✓	C1		Jaguar Land Rover STJLR.03.5005	Ford WSS-M2C934-B Ford WSS-M2C934-A
Quartz Ineo MC3		✓		✓	C3	SP	MB-Approval 229.52 MB-Approval 229.51 RN 0700/0710	
Quartz Ineo C4		✓		✓	C4		Renault RN 0720, MB-Approval 226.51	Fiat 9.55535-S4
<small>NEW</small> Quartz Ineo RCP		✓		✓	C3	SN Plus	Stellantis FPW9.55535/03 PSA B71 2290 PSA B71 2297	
Quartz Ineo DID		✓		✓	C3	SN/CF	VW 505.00/505.01, MB-Approval 229.52	Opel/Vauxhall OV 040 1547 - D30
Quartz Ineo Ecob	5W-20	✓	✓	✓	C5	SN	Ford WSS-M2C948-B, Jaguar Land Rover STJLR.03.5004	
Quartz Ineo ECS	5W-30	✓	✓	✓	C2	SP	PSA B71 2290 PSA B71 2297	Fiat 9.55535-S1 Iveco 18-1811 SC1 Toyota
Quartz Ineo HTC		✓		✓	C3	SP	PSA B71 2290 PSA B71 2297	
<small>UPGRADED</small> Quartz Ineo Long Life		✓		✓	C3	SP	VW 504.00/507.00 PSA B71 2297 BMW LL-04, MB-Approval 229.51 MB-Approval 229.52 MB-Approval 229.31 Opel OV 040 1547 - D30 Opel OV 040 1547 - G30 PORSCHE C30	Fiat 9.55535-S3 Chrysler MS-11106
Quartz Ineo HZX		✓		✓	C3	SP	Isuzu Recommended Lubricant (2022)	

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
<b>UPGRADED</b> Quartz Ineo MC3	5W-30	✓		✓	C3	SP	BMW LL-04 PSA B71 2297 MB-Approval 229.52 Approuvé par Hyundai Kia Motors Corporation Opel / Vauxhall OV0401547	Chrysler MS-11106 VW 505.01 Fiat 9.55535-S3 and Hyundai
Quartz Ineo MDC		✓	✓	✓	C2, C3	SN/CF	MB-Approval 229.52 Opel/Vauxhall OV 040 1547 - D30 Recommended by Kia	
<b>UPGRADED</b> Quartz Ineo C3		✓	✓	✓	C3	SP	MB-Approval 229.52	
Quartz Ineo FGO		✓		✓	C2, C3	SP	MB-Approval 229.52 PSA B71 2290 Renault RN 17	RN 0700/0710 MB 229.51, 229.31, 226.52 Fiat 9.55535.S1 IVECO 18-1811 Toyota
Quartz Ineo C3	5W-40	✓		✓	C3	SN/CF	MB-Approval 229.51, VW 505.00/505.01 PORSCHE A40	Fiat 9.55535-S2 Ford WSS-M2C917-A Opel/Vauxhall OV 040 1547 - D40 Fiat 9.55535-GH2
Quartz Ineo FGO		✓		✓	C3	SN	BMW LL-04, MB-Approval 229.52 VW 511.00, Porsche C40, Renault RN 0700/0710	Fiat 9.55535-S2 Opel/Vauxhall OV 040 1547 - D40
Quartz Ineo Racing	10W-60	✓		✓	C3	SN	ASTON MARTIN V8 naturally aspirated engines: Service fill approved	BMW M-Series



# 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 range prerequisites:



Ultimate Protection  
against oil oxidation



Fuel Economy  
performance<sup>1</sup>



Advanced Synthetic  
technology



Normal  
SAPS compatibility



Original Equipment  
Manufacturer  
approvals<sup>2</sup>

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

Quartz 9000 Products		Features		International Specifications			OEM Homologations (Original Equipment Manufacturers)	
Commercial Product Name	Viscosity grade	Technologie de synthèse avancée	Fuel Economy	ACEA	API	ILSAC	Approvals	Meets the requirements of
Quartz 9000 Future GF6	0W-20	✓	✓		SP	GF-6A		
Quartz 9000 COG SP		✓	✓		SP	GF-6A	GWM Spare parts Number : ALAC011930 (208-L), ALAD000149 (5-L), ALAD000150 (4-L), ALAD000151 (1-L)	
Quartz 9000	0W-30	✓	✓	A5/B5 A7/B7	SL		Volvo VCC 95200377, Renault RN0700	
Quartz 9000 Energy		✓		A3/B4	SL		MB-Approval 229.5, Volvo VCC 95200356, VW 502.00/505.00, MB-226.5	
Quartz 9000 Future GF6		✓	✓		SP	GF-6A		
Quartz 9000 Future XT		✓	✓		SP	GF-6A	Ford WSS-M2C963-A1	
Quartz 9000 Energy	0W-40	✓		A3/B4	SP/CF		ASTON MARTIN: Approved for 4.0L TwinTurbo V8 & 6.0L V12 Naturally aspirated engines, MB-Approval 229.5, PORSCHE A40, VW 502.00/505.00, FORD WSS-M2C937-A, MB-Approval 226.5, BMW LL-01	
Quartz 9000 HKR GF6A	0W-30	✓	✓		SP	GF-6A	Recommended by Kia	
Quartz 9000 Future GF6	5W-20	✓	✓		SP	GF-6A		
Quartz 9000 Future XT		✓	✓		SP	GF-6A	Ford WSS-M2C960-A1	
Quartz 9000 Energy		✓		A3/B4	SL		BMW LL-01, MB-Approval 229.5, VW 502.00/505.00, MB-Approval 226.5	
Quartz 9000 HKR		✓		A5	SL		Recommended by Kia, with Factory Fill performance	
Quartz 9000 NFC		✓	✓	A5/B5	SL/CF		Ford WSS-M2C913-D (backward compatible WSS-M2C913-C, WSS-M2-C913-B), Jaguar Land Rover STJLR.03.5003	Fiat 9.55535-G1 Fiat 9.55535-N1
Quartz 9000 Future GF6	5W-30	✓	✓		SP	GF-6A		
Quartz 9000 Future XT		✓	✓		SP	GF-6A	Ford WSS-M2C961-A1	
Quartz 9000 Future FGC		✓	✓		SP	GF-6A	GM dexos1™Gen3 approuvé Opel/Vauxhall OV0401547-G30 Ford WSS-M2C961-A1	Chrysler MS-6395 Fiat 9.55535-CR1
Quartz 9000 COG SN		✓			SN		ALAC011927, ALAD000143, ALAD000144, ALAD000145	
Quartz 9000 Diesel CI-4		✓			CI-4			
Quartz 9000 CRY SP		✓	✓		SP	GF-6A	Approved by Cherry	

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	5W-40	✓		A3/B4	SP/CF		PSA B71 2296, Renault RN 0700/0710, MB-Approval 229.5, VW 502.00/505.00, Porsche A40, Approval BMW LL-01	Chrysler MS-12991 Fiat 9.55535-M2 Fiat 9.55535-N2 Fiat 9.55535-G2 Fiat 9.55535-Z2
Quartz 9000 Energy		✓		A3/B4	SP/CF		MB-Approval 229.5, VW 502.00/505.00, Porsche A40, Approval BMW LL-01	Chrysler MS-1299 Fiat 9.55535-M2 Fiat 9.55535-N2 Fiat 9.55535-G2 Fiat 9.55535-Z2
Quartz 9000 FGO		✓		A3/B4	SP		Renault RN0700/0710, VW 502.00/505.00, MB-Approval 229.5	Chrysler MS-12991, Fiat 9.55535-M2, MB 229.3
Quartz 9000 SN	5W-50	✓			SN/CF			
Quartz 9000 Future XT	10W-30	✓	✓		SP	GF-6A		
Quartz Racing	10W-50	✓		A3/B4	SN/CF			
Quartz Racing	10W-60	✓			SN/CF			BMW M-series
<b>NEW</b> Quartz 9000 Advanced	0W-40	✓	✓	A3/B4	SP		VW 502.00/505.00 Porsche A40	



# Quartz 7000 range



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

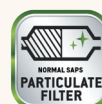
Fighting against major causes of breakdowns, Quartz 7000 with Clean-Shield technology is the oil of choice across the globe to guarantee engine cleanliness during the entire drain interval and after oil change.



## Quartz 7000 range prerequisites:



Advanced Cleanliness, even in extreme conditions



Normal SAPS compatibility



Synthetic technology (Semi-synthetic)



Original Equipment Manufacturer approvals

Quartz 7000 products		Features		International Specifications			OEM Homologations (Original Equipment Manufacturers)	
Commercial Product Name	Viscosity grade	Semi-Synthetic Technology	Fuel Economy	ACEA	API	ILSAC	Approvals	Meets the requirements of
Quartz 7000 Future GF6	5W-20	✓	✓		SP	GF-6A		
Quartz 7000 Future XT		✓	✓		SP	GF-6A	Ford WSS-M2C960-A1	
Quartz 7000 Future GF6	5W-30	✓	✓		SP	GF-6A		
Quartz 7000 Future XT		✓	✓		SP	GF-6A	Ford WSS-M2C961-A1	
Quartz 7000 FGO	5W-40	✓		A3/B4	SN/CF		MB-Approval Volkswagen 502.00/505.00 Renault RN 0700	MB 229.3
Quartz 7000 Future GF6	10W-30	✓	✓		SP	GF-6A		
Quartz 7000 Future XT		✓	✓		SP	GF-6A		
Quartz 7000 Diesel CI-4		✓			CI-4			
Quartz 7000	10W-40	✓		A3/B4	SN/CF		PSA B71 2300 (backward compatible PSA B71 2294) VW 501.01/505.00 Renault RN 0700/0710	MB 229.3 Fiat 9.55535-G2
Quartz 7000 S		✓		A3/B4	SN/CF		VW 501.01/505.00	MB 229.1 Fiat 9.55535-G2 Suitable for Renault RN 0700/0710 Suitable for PSA B71 2300 (backward compatible PSA B71 2294)
Quartz 7000 Energy		✓		A3/B4	SN/CF		VW 501.01/505.00	MB 229.3 Fiat 9.55535-G2
Quartz 7000 Diesel		✓		A3/B4	SN/CF		PSA B71 2300 (backward compatible PSA B71 2294) VW 501.01/505.00 Renault RN 0700/0710	MB 229.3 Fiat 9.55535-G2
Quartz 7000 Diesel S		✓		A3/B4	SN/CF		VW 501.01/505.00	MB 229.1 Fiat 9.55535-G2 Suitable for Renault RN 0700/0710 Suitable for PSA B71 2300 (backward compatible PSA B71 2294)
Quartz 7000 SN		✓			SN/(CF)			
Quartz 7000	15W-50	✓		A3/B4	SN/CF		VW 501.01/505.00	MB 229.1
Quartz 7000 SN		✓			SN/(CF)			

# 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 range prerequisites:**



Advanced Cleanliness



Normal SAPS compatibility



Excellent temperature resistance



High-performance technology



Quartz 5000 Products		Features		International Specifications			OEM Homologations (Original Equipment Manufacturers)	
Commercial Product Name	Viscosity grade	High-Performance Technology	Fuel Economy	ACEA	API	ILSAC	Approvals	Meets the requirements of
Quartz 5000 Future XT	5W-20	✓	✓		SP	GF-6A	Ford WSS-M2C960-A1	
Quartz 5000 Future GF6	5W-30	✓	✓		SP	GF-6A		
Quartz 5000 Future XT		✓	✓		SP	GF-6A	Ford WSS-M2C961-A1	
Quartz 5000 Future GF6	10W-30	✓	✓		SP	GF-6A		
Quartz 5000 Future XT		✓	✓		SP	GF-6A		
Quartz 5000 SL	10W-40	✓			SL/(CF)			
Quartz 5000 SP		✓			SP			
Quartz 5000 SN		✓			SN/(CF)			
Quartz 5000	15W-40	✓			SL/CF			MB 229.1 PSA B71 2295 VW 501.01/505.00
Quartz 5000 DIESEL		✓			SL/CF			MB 229.1 PSA B71 2295 VW 501.01/505.00
Quartz 5000 SN		✓			SN/(CF)			
Quartz 5000 SL		✓			SL			
Quartz 5000 Diesel CI-4		✓			CI-4			
Quartz 5000 SN	15W-50	✓			SN/(CF)			
Quartz 5000	20W-50	✓			SL/CF			MB 229.1 PSA B71 2295 VW 501.01/505.00
Quartz 5000 SP		✓			SP			
Quartz 5000 SN		✓			SN/(CF)			
Quartz 5000 SL		✓			SL			

# Quartz 4000 range



Quartz 4000 is our competitive technology engine oil range compliant with API International Standards.

Quartz 4000 range prerequisites:



Cleanliness



Multigrade  
and monograde  
engine oils



Quartz 4000 Products		Features	International Specifications
Commercial Product Name	Viscosity grade	Multigrade and monograde Engine oil Technology	API
Quartz 4000 SM	10W-30 10W-40	✓	SM, SL/(CF)
Quartz 4000 SL	20W-50	✓	SL/(CF)
Quartz 4000 SL	SAE 40 SAE 50	✓	SL/(CF)
Quartz Diesel 4000 CF-4	10W-30	✓	CF-4
Quartz Diesel 4000 CF-4	20W-50	✓	CF-4, SG



# Quartz 3000 range



Quartz 3000 is our competitive technology engine oil range compliant with API International Standards.

Quartz 3000 range prerequisites:



Cleanliness



Multigrade  
and monograde  
engine oils



Quartz 3000 Products		Features	International Specifications
Commercial Product Name	Viscosity grade	Multigrade and monograde Engine oil Technology	API
Quartz 3000 SJ	20W-50	✓	SJ/CF
Quartz 3000 SG		✓	SG/CF
Quartz 3000 Diesel	SAE 40	✓	CF, SF

# Quartz Box: More than just packaging, a solution

The Quartz Box is an ingenious solution consisting of an innovative bag inside a practical, reinforced cardboard box. This packaging has been specifically developed to meet the requirements of all mechanics looking to simplify operations, for a cost-effective solution and sustainable packaging.

## Quartz Box (20L Bag-In-Box):



### Quartz Ineo Xtra

- Quartz Ineo Xtra Long Life 0W-20
- Quartz Ineo Xtra First 0W-20
- Quartz Ineo Xtra EC6 0W-20



### Quartz Ineo

- Quartz Ineo First 0W-30
- Quartz Ineo FDE 0W-30
- Quartz Ineo Efficiency 0W-30
- Quartz Ineo ECS 5W-30
- Quartz Ineo MDC 5W-30
- Quartz Ineo MC3 5W-30
- Quartz Ineo RCP 5W-30 (NEW)
- Quartz Ineo Long Life 5W-30
- Quartz Ineo Long Life 0W-30



### Quartz 9000

- Quartz 9000 0W-30 (NEW)
- Quartz 9000 NFC 5W-30
- Quartz 9000 Energy 5W-30
- Quartz 9000 5W-40



### Quartz EV3R

- Quartz EV3R 10W-40
- Quartz EV3R 5W-40 (NEW)



### Quartz 7000

- Quartz 7000 Energy 10W-40
- Quartz 7000 10W-40

Ergonomically designed, the Quartz Box is easy to handle and can be transported safely and easily across the workshop to the specially designed stands.



# QUARTZ

## The ingenious new solution



Less plastic



Optimised storage



Ease of use



# Behind our trade-names

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



## Quartz EV3R series

The **Quartz EV3R** series is formulated with a minimum of 50% new-generation regenerated base oil (RRBO).

Quartz EV3R still boasts the same performance and approvals as our conventional products. EV3R is inspired by the 3R concept: **Reduce, Reuse, Regenerate**, while incorporating the word "EVER", meaning that oil can be regenerated endlessly.



## Amongst the existing products, here are a few explanations

Quartz Ineo Xtra **EC6** 0W-20: **EC6** stands for **European C6** (European profile, ACEA C6)

Quartz Ineo **FGO** 5W-40 and Quartz 7000 **FGO** 5W-40: **FGO** stands for **French German OEM**



## Quartz Future Series

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

Our Quartz Future series features several sub-ranges: Quartz 5000, Quartz 7000, Quartz 9000 and Quartz 9000 Xtra.

Quartz Future series is composed of three sub-ranges.



## Quartz X000 VS Quartz X000 Energy

Quartz X000 Energy products **cannot carry French homologations** (PSA, Renault...), and are mainly **developed to satisfy German OEM** (German profiles).



## Quartz products with API indication

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

<sup>1</sup> (/CF) when applicable, according to local formulations.

<sup>2</sup> Respect for the environment: "ECS – Emission Control System": lower CO<sub>2</sub> emissions and other pollutants. As well as improving the efficiency of the Particulate Filter.

**Quartz EV3R 10W-40 :**  
The first **RRBO** product to be approved by manufacturers: PSA, Renault and Volkswagen

**Quartz Ineo MC3 5W-30:**  
**MC3** stands for Mercedes **C3** (ACEA C3)

**Quartz Ineo MDC 5W-30:**  
**MDC** stands for Mercedes, **Dexos** 2, **C** (ACEA C2, C3)

**Quartz Ineo DID 5W-30:**  
**DID** stands for **D**irect **I**njection **D**iesel

**Quartz Ineo FDE 0W-30:**  
**FDE** stands for **F**ord **D**iesel **E**ngine

**Quartz Ineo HTC 5W-30:**  
**HTC** stands for **H**igh **T**emperature **C**ountries

**Quartz Ineo ECS 5W-30:**  
**ECS** stands for **E**mission **C**ontrol **S**ystem<sup>3</sup>

**Quartz Ineo ECOB:** **ECOB** refers to Ford engines (Ford **EcoBoost**)

**Quartz X000 Future GF6:**  
Products with strict **API SP** / **ILSAC** profiles

**Quartz X000 Future XT:**  
Products with **Ford** homologations

**Quartz X000 Future FGC:**  
Products with **Ford** and **GM** **dexos**<sup>1™</sup> **Gen3** homologations

**Quartz 9000 5W-40** or **Quartz 9000 Energy 5W-49**

**Quartz 7000 10W-40** or **Quartz 7000 Energy 10W-40**

**Quartz 4000 SL** is strictly **API SL** (**/CF**)<sup>2</sup> without any homologations

**Quartz 3000 SJ** is strictly **API SJ** **a** (**/CF**)<sup>2</sup> without any homologations



# Quartz, the track is our lab

## Born from motorsports:

For over 45 years, our Quartz engine oils have been put through their paces in the most extreme conditions of world motorsport. From scorching deserts to snow-covered roads and the most demanding circuits, our products have been tried and tested on every terrain. Backed by hundreds of victories and multiple world titles in FIA championships, we guarantee optimum protection and unrivalled performance, both for racing engines and your engines.



Quartz Racing Products		Features			International Specifications			OEM Homologations (Original Equipment Manufacturers)	
Commercial Product Name	Viscosity grade	Advanced Synthetic Technology	Fuel Economy	Low SAPS	ACEA	API	ILSAC	Approvals	Meets the requirements of
Quartz Ineo Xtra Dynamics	0W-20	✓	✓	✓	C5	SN-RC	GF-5	ASTON MARTIN Twin Turbo V12 engines: Service fill approved, BMW LL-17 FE+ (backward compatible BMW LL-14FE+)	Ford WSS-M2C952-A1
Quartz 9000 Energy	0W-40	✓			A3/B4	SP/CF		ASTON MARTIN: Motors 4.0L Twin Turbo V8 & 6.0L V12 atmospheric - approved for the after-sales, MB-Approval 226.5, Ford WSS-M2C937-A, VW 502.00/505.00, BMW LL-01	
Quartz Ineo Racing	10W-60	✓		✓	C3	SN		ASTON MARTIN V8 naturally aspirated engines: Service fill approved	BMW M-Series
Quartz Racing	10W-50	✓			A3/B4	SN			
Quartz Racing	10W-60	✓				SN			BMW M-Series



## Performing to the extremes:

### Endurance race

The 24 Hours of Le Mans and the other events of the FIA WEC (World Endurance Championship) provide the ideal terrain to put the resistance of engine oils to the test. Quartz products, chosen by our most demanding partners, emerge victorious from these extreme challenges, demonstrating their unrivalled reliability.

### 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 leading motorsport teams.**













# Quartz EV fluid: Powering your future

Today's environmental challenges and the ensuing regulations are forcing the automotive industry to constantly innovate while meeting users' expectations in terms of quality and performance.

At TotalEnergies Lubrificants, we have developed fluids specifically designed for electric and hybrid vehicles: Quartz EV Fluid. This range adds to the solutions already offered by the company for electric vehicles for a range of practical applications including charging, storage and fleet management.

In choosing TotalEnergies, you're opting for innovative solutions that optimise your vehicle's performance. Our experts have developed products that fully address the specific characteristics of electric engines and transmissions operating at high rotational speeds, as well as the need to control heat exchange in batteries.

Our fluids extend the life of your battery, reduce internal friction, ensure optimum cooling and guarantee a smoother, quieter driving experience.



Quartz EV Products		Features			OEM Homologations (Original Equipment Manufacturers)	
Commercial Product Name	Viscosity grade	Application		Electrification types	Approvals	Meets the requirements of
Quartz EV-Drive R 3.1	75W	E-Transmission	Reducer	Electric	Renault-Nissan (RA0, RE0 et RD0) Valeo eAccess	Tata Nexon, Tata Tigor, Tata Tiago MG ZS EV Mahindra 20
Quartz EV-Drive MP 3.1		E-Transmission	EDU	Electric	Valeo eBike Geely Ruilan 2F Lifeguard eFluid 1	Opel Ampera-E
Quartz EV-Drive MP 7.1		E-Transmission	EDU	Electric	2F TE-ML 28A 2F Lifeguard eFluid3	
Quartz EV-DHT 3.1		E-Transmission	DHT	Hybrid		
Quartz EV-DHTF2		E-Transmission	DHT	Hybrid	GWM	
Quartz EV-DCT 3.1		E-Transmission	e-DCT	Hybrid		
Quartz EV-Grease		E-Motor		Electric/Hybrid		
Quartz E-Cool		Battery		Electric/Hybrid		
Quartz Eco-Friendly		Battery		Electric/Hybrid		
Quartz EV-Grease		Battery		Electric/Hybrid		
Quartz Cell-Shield		Battery		Electric/Hybrid		
Quartz S-Cool		Battery		Electric/Hybrid		

# Services and digital solutions

## LubConsult: Recommendation

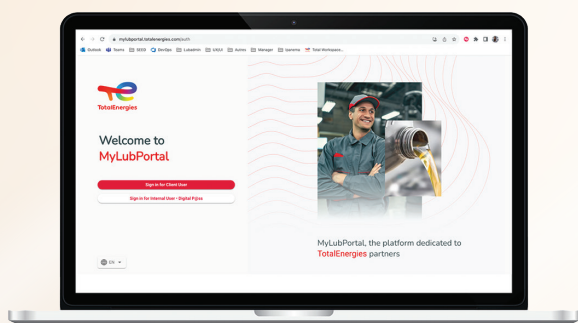
### Which oil does my car need?

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

LubConsult Recommendation by TotalEnergies Lubrifiants has the answer.

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

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



## MyLubPortal:

### MyLubPortal is a one-stop shop digital solution!

This user-friendly portal is designed to ease collaboration and make it more efficient. The intuitive e-ordering feature facilitates order placement and tracking.

The portal is continuously evolving with new features and updates for better business and bigger profits!



## LubPilot : Smart Tank

LubPilot Smart Tank by TotalEnergies Lubrifiants is a unique digital tool and service.

Thanks to a smart sensor and an application that can be used on PC, smartphone and tablet, our distributors and resellers now have the possibility to:

- Monitor lubricant levels in drums, IBCs and tanks in their customers' workshops, in real-time and remotely.

- Receive notifications and inform their customers when it's time to reorder products.

LubPilot Smart Tank provides valuable benefits:

- Reduced risk of stock depletion
- Development of sales opportunities
- Increased customer loyalty
- Reduction of urgent deliveries
- Optimisation of storage costs

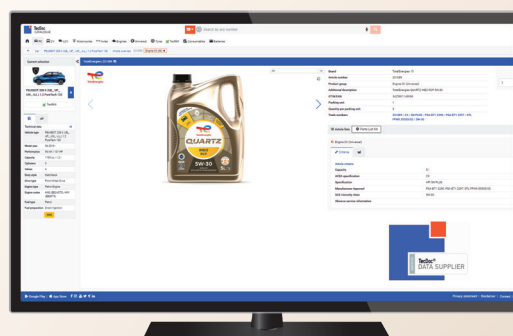
LubPilot Smart Tank helps you improve sales performance and optimise your logistic efficiency!

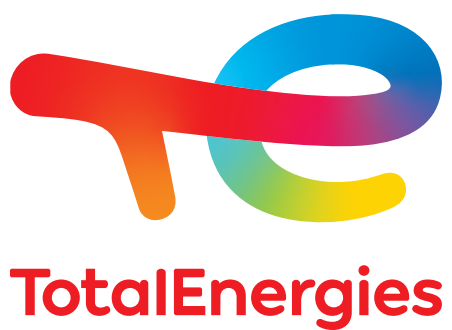


## TecDoc : Portal

TotalEnergies Lubrifiants products are now listed in the TecDoc portal, the world's leading catalogue of vehicles and spare parts (10 million) for the automotive aftermarket.

Using TecDoc, you can benefit from increased autonomy, flexibility and efficiency in your work with a complete and reliable catalogue to identify the products best suited to your needs.





### TotalEnergies Lubrifiants

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FRANCE

Lubrifiants Range  
Brochure – 2025/08



[lubricants.totalenergies.com](https://lubricants.totalenergies.com)