

QUARTZ
ENGINE OIL



Engine Oil Lubricants range



TotalEnergies

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 105,000 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 60 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: Keep your engine younger for longer

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 60 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 efficiency¹.

Quartz: Keep your engine younger for longer!



¹ 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). In 2021, TotalEnergies Lubrificants is thriving in a changing world and is introducing a breakthrough packaging innovation¹: 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

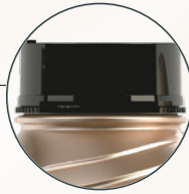
Introduction of a new label design inspired by car dashboards, with panels that display product marketing and technical information (educational pictograms, product features, clear viscosity grade, technical profile indication).

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.



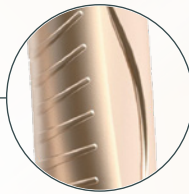
¹ For all the Quartz Ineo Xtra and Quartz 9000 Xtra products made in Europe.



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.



Type of cap.

Complete technical profile, international specifications and OEMs approvals.

Front of pack

Back of pack

Quartz, state-of-the-art technology

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**



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

¹ 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).

² Based on the API Seq IIIH - 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).

³ Based on the ACEA OIM646LA test. Result for Quartz 9000 5W-40 compared to the industry reference as defined by the European Automobile Manufacturers' Association (ACEA).

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

⁵ When dedicated "Fuel Economy" products are used.

Up to

4,01%
Fuel Economy¹

And up to

15X
stronger oil stability
compared to industry limits.²



Quartz Ineo Xtra

Advanced Synthetic Technology
Low Saps
Xtra Fuel Economy

Quartz 9000 Xtra

Advanced Synthetic Technology
Normal Saps
Xtra Fuel Economy

Up to

74% less wear
compared to industry limits.³



Quartz Ineo

Advanced Synthetic Technology
Low Saps
Fuel Economy⁵

Quartz 9000

Advanced Synthetic Technology
Normal Saps
Fuel Economy⁵

Up to

64% cleaner
compared to industry limits.⁴



Quartz 7000

Synthetic Technology
Normal Saps

Quartz 5000

High-Performance Technology
Normal Saps

Quartz 4000

Quartz 3000

Multigrade Engine Oil
Normal Saps

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 Lubrificants 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 performance¹



0W-20 or more fluid grade



Low Saps (and Normal Saps) compatibility



OEM² claims



Ultimate Protection against oil oxidation



¹ Up to 4,01% 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).

² Based on the API Seq IIIH – 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			OEM Homologations (Original Equipment Manufacturers)	
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: Approved for factory fill and service fill, BMW LL-17 FE+ (backward compatible BMW LL-14FE+)	Suitable for Ford WSS-M2C952-A1
UPGRADED Quartz Ineo Xtra EC5		✓	✓	✓	C5	SP (RC)	GF-6A	MB-Approval 229.72 (backward compatible 229.71) Opel/Vauxhall OV0401547, Ford WSS-M2C947-B1, Ford WSS-M2C962-A1, Jaguar Land Rover, STJLR 03.5006, Volvo VCC RBS0-2AE	Fiat 9.55535-GSX Chrysler MS-12145
Quartz Ineo Xtra First		✓	✓	✓	C5			PSA B71 2010	
Quartz Ineo Xtra Long Life		✓	✓	✓	C5			VW 508.00/509.00 Porsche C20	
Quartz Ineo Xtra V-Drive		✓	✓	✓	C5	SN/CF		Volvo VCC RBS0-2AE	
UPGRADED Quartz Ineo Xtra C5		✓	✓	✓	C5	SN		MB-Approval 229.71, Jaguar Land Rover STJLR.51.5122	
NEW Quartz Ineo Xtra HKR C5		✓	✓	✓	C5	SP	GF-6A	Recommended by Kia Motors	

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	Approvals	Meets the requirements of	
Quartz 9000 Xtra Future XT	0W-16	✓	✓	SP	GF-6B		Suitable for Toyota, Honda, Nissan, Mitsubishi, Suzuki, Mazda	
Quartz 9000 Xtra Future XT	0W-20	✓	✓	SP	GF-6A	Ford WSS-M2C962-A1	Suitable for Toyota, Honda, Nissan, Mitsubishi, Suzuki, Subaru, Mazda Suitable for Hyundai and Kia Motors	
Quartz 9000 Xtra Future FGC		✓	✓	SP	GF-6A	GM dexos1™Gen2 approved Ford WSS-M2C962-A1	Chrysler MS 6395 Suitable for Toyota, Honda, Nissan, Mitsubishi, Suzuki, Subaru, Mazda Suitable for Hyundai and Kia Motors	
NEW Quartz 9000 Xtra HKR GF6A		✓	✓	SP	GF-6A	Recommended by Kia Motors		

Ecosolutions label by TotalEnergies:

64% 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

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 performance¹



Advanced Synthetic technology



Low Saps compatibility



OEM² claims

¹ When dedicated "Fuel Economy" products are used
² Original Equipment Manufacturers

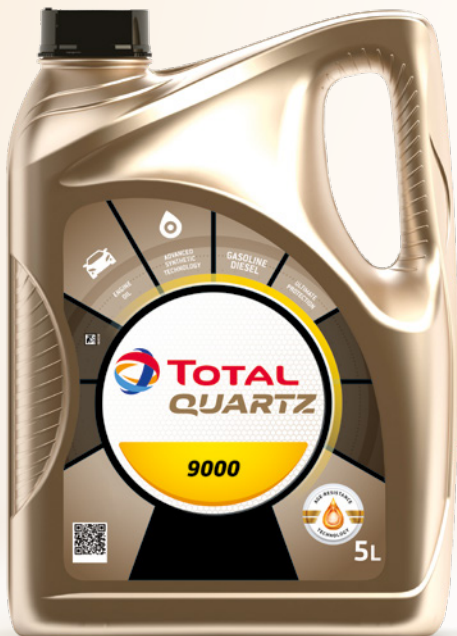
Quartz Ineo Products		Features			International Specifications		OEM Homologations (Original Equipment Manufacturers)		
Commercial Product Name	Viscosity grade	Advanced Synthetic Technology	Fuel Economy	Low Saps	ACEA	API	Approvals	Meets the requirements of	
Quartz Ineo Efficiency	0W-30	✓	✓	✓	C2, C3			BMW LL-04	
Quartz Ineo FDE		✓	✓	✓	C2		Ford WSS-M2C950-A, Jaguar Land Rover STJLR.03.5007		
Quartz Ineo First		✓	✓	✓	C1		PSA B71 2312 PSA B71 2302	Jaguar Land Rover STJLR.03.5007 Suitable for Toyota	
Quartz Ineo HKS		✓	✓	✓	C2	SN Plus / CF	Recommended by Kia Motors, with Factory Fill performance		
Quartz Ineo Long Life		✓	✓	✓	C3		VW 504.00/507.00 Porsche C30		
Quartz Ineo Ecob	5W-20	✓	✓	✓	C5	SN	Ford WSS-M2C948-B, Jaguar Land Rover STJLR.03.5004		
Quartz Ineo C1	5W-30	✓	✓	✓	C1		Jaguar Land Rover STJLR.03.5005	Ford WSS-M2C934-B Ford WSS-M2C934-A	
NEW Quartz Ineo C4		✓	✓	✓	C4		Renault RN 0720 MB-Approval 226.51 MB-Approval 229.51	Fiat 9.55535-S4	
NEW Quartz Ineo R-Plus		✓	✓	✓	C3		Renault RN17		
Quartz Ineo DID		✓		✓	C3	SN/CF	VW 505.00/505.01 MB-Approval 229.52	GM Dexos 2	
Quartz Ineo ECS		✓	✓	✓	C2		PSA B71 2290	Fiat 9.55535-S1 Iveco 18-1811 SC1 Suitable for Toyota	
Quartz Ineo HKS D		✓	✓	✓	C2		Recommended by Kia Motors, with Factory Fill performance		
Quartz Ineo HTC		✓		✓	C3	SN Plus	PSA B71 2297 PSA B71 2290		
Quartz Ineo Long Life		✓		✓	C3	SN/CF	VW 504.00/507.00 BMW LL-04 MB-Approval 229.51 PORSCHE C30		
NEW Quartz Ineo HZX		✓	✓		C4	SN/CF	Isuzu Recommended Lubricant (2021)		
UPGRADED PROFILE Quartz Ineo MC3		✓		✓	C3	SN Plus/CF	BMW LL-04 MB-Approval 229.52 Approved by Hyundai Kia Motors Corporation Opel / Vauxhall OV0401547	GM Dexos 2 Chrysler MS-11106 VW 505.01	
Quartz Ineo MDC		✓	✓	✓	C2, C3	SN/CF	MB-Approval 229.52 GM Dexos 2™	Hyundai Kia Motors Corporation	
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 GM Dexos 2
NEW Quartz Ineo FGO			✓		✓	C3	SN/CF	BMW LL-04 MB-Approval 229.52 VW 511.00 Porsche C40 Renault RN 0700/0710	Fiat 9.55535-S2 GM Dexos 2
NEW Quartz Ineo Racing	10W-60	✓		✓	C3	SN/CF	ASTON MARTIN V8 naturally aspirated engines: Service fill approved	BMW M-Series	

Quartz 9000 range



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 performance¹



Advanced Synthetic technology



Normal Saps compatibility



OEM² claims

¹ When dedicated "Fuel Economy" products are used
² Original Equipment Manufacturers

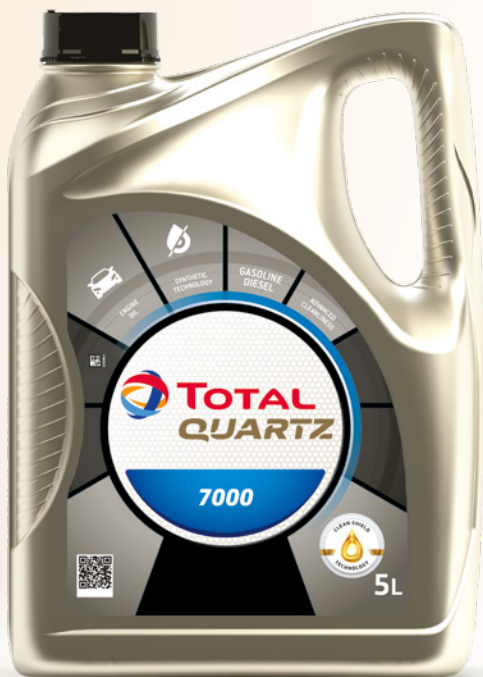
Quartz 9000 Products		Features		International Specifications			OEM Homologations (Original Equipment Manufacturers)	
Commercial Product Name	Viscosity grade	Advanced Synthetic Technology	Fuel Economy	ACEA	API	ILSAC	Approvals	Meets the requirements of
NEW Quartz 9000 Future GF6	0W-20	✓	✓		SP	GF-6A		
NEW Quartz 9000 COG SN Plus		✓	✓		SN Plus		GWM Spare parts Number: ALAC011930 (208-L), ALAD000149 (5-L), ALAD000150 (4-L), ALAD000151 (1-L)	
Quartz 9000	0W-30	✓	✓	A5/B5	SL/CF		Volvo VCC 95200377	
Quartz 9000 Energy		✓		A3/B4	SL/CF		MB-Approval 229.5, Volvo VCC 95200356, VW 502.00/505.00	
NEW 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	SN/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	
NEW Quartz 9000 HKR GF6A	0W-30	✓	✓		SP	GF-6A	Recommended by Kia Motors	
NEW Quartz 9000 Future GF6	5W-20	✓	✓		SP	GF-6A		
Quartz 9000 Future XT		✓	✓		SP	GF-6A	Ford WSS-M2C960-A1	
Quartz 9000 Energy	5W-30	✓		A3/B4	SL/CF		BMW LL-01, MB-Approval 229.5, VW 502.00/505.00	
Quartz 9000 Energy HKS G-310		✓		A5	CF		Recommended by Kia Motors, with Factory Fill performance	
Quartz 9000 NFC		✓	✓	A5/B5	SL/CF		Ford WSS-M2C913-D (backward compatible WSS-M2C913-C, WSS-M2C913-B), Jaguar Land Rover STJLR.03.5003	
NEW Quartz 9000 Future GF6		✓	✓		SP	GF-6A		
Quartz 9000 Future XT		✓	✓		SP	GF-6A	Ford WSS-M2C961-A1	
Quartz 9000 Future FGC		✓	✓		SP	GF-6A	GM dexos1™ Gen2 approved Ford WSS-M2C961-A1	Chrysler MS-6395
NEW Quartz 9000 COG SN		✓	✓		SN		GWM Spare parts Number: ALAC011927 (208-L), AD000143 (5-L), ALAD000144 (4-L), ALAD000145 (1-L)	
Quartz 9000 Diesel CI-4		✓			CI-4			
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
Quartz 9000 Energy		✓		A3/B4	SN/CF		MB-Approval 229.5, VW 502.00/505.00, Porsche A40	Chrysler MS-12991 Fiat 9.55535-M2
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			Suitable for BMW M-series

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)



OEM¹ claims

¹Original Equipment Manufacturers claims.

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
NEW Quartz 7000 Future GF6	5W-20	✓	✓		SP	GF-6A		
Quartz 7000 Future XT		✓	✓		SP	GF-6A	Ford WSS-M2C960-A1	
NEW Quartz 7000 Future GF6	5W-30	✓	✓		SP	GF-6A		
Quartz 7000 Future XT		✓	✓		SP	GF-6A	Ford WSS-M2C961-A1	
NEW Quartz 7000 FGO	5W-40	✓		A3/B4	SN/CF		MB-Approval 229.3 Volkswagen 502.00/505.00 Renault RN 0700	
NEW 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		PSA B71 2300 (backward compatible PSA B71 2294) VW 501.01/505.00 Renault RN 0700/0710	MB 229.1 Fiat 9.55535-G2
Quartz 7000 Energy		✓		A3/B4	SN/CF		VW 501.01/505.00	MB 229.3
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		PSA B71 2300 (backward compatible PSA B71 2294) VW 501.01/505.00 Renault RN 0700/0710	MB 229.1 Fiat 9.55535-G2
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	
NEW Quartz 5000 Future GF6	5W-30	✓	✓		SP	GF-6A		
Quartz 5000 Future XT	5W-30	✓	✓		SP	GF-6A	Ford WSS-M2C961-A1	
NEW Quartz 5000 Future GF6	10W-30	✓	✓		SP	GF-6A		
Quartz 5000 Future XT		✓	✓		SP	GF-6A		
Quartz 5000 SL		✓			SL/(CF)			
NEW Quartz 5000 SP	10W-40	✓			SP			
Quartz 5000 SN		✓			SN/(CF)			
Quartz 5000	15W-40	✓		A3/B3	SL/CF			MB 229.1 PSA B71 2295 VW 501.01/505.00
Quartz 5000 DIESEL		✓		A3/B3	SL/CF			MB 229.1 PSA B71 2295 VW 501.01/505.00
Quartz 5000 SN		✓			SN/(CF)			
Quartz 5000 SL		✓			SL/(CF)			
Quartz 5000 Diesel CI-4		✓			CI-4			
Quartz 5000 SN		15W-50	✓			SN/(CF)		
Quartz 5000	20W-50	✓		A3/B3	SL/CF			MB 229.1 PSA B71 2295 VW 501.01/505.00
NEW Quartz 5000 SP		✓			SP			
Quartz 5000 SN		✓			SN/(CF)			
Quartz 5000 SL		✓			SL/(CF)			

Quartz 4000 and 3000 ranges



Quartz 4000 and 3000 are our competitive high-performance technology engine oil ranges compliant with API International Standards and suitable for hardworking engines.

Quartz 4000 and 3000 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	5W-30 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 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

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 5000, Quartz 7000, Quartz 9000 and Quartz 9000 Xtra ranges.

Quartz Future series is composed of three sub-ranges.



Quartz products with API indication

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



Quartz X000 VS Quartz X000 Energy

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



Amongst the existing products, here are a few explanations

NEW

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

NEW

Quarte Ineo Xtra **EC5** 0W-20: **EC5** stands for European **C5** (European profile, ACEA C5)

¹ Quartz X000 Future GF5 will be gradually phased out in 2021.

² (/CF) when applicable, according to local formulations.

³ Respect for the environment: "ECS – Emission Control System": lower CO₂ emissions and other pollutants. As well as improving the efficiency of the Particulate Filter.

Quartz
X000 Future **GF6**:
(previously GF5¹):
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^{1™}
Gen2 homologations

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

Quartz
3000 **SJ** is strictly
API SJ(/CF)²
without any
homologations

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

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

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 **Direct**
Injection Diesel

Quartz
Ineo **FDE** 0W-30:
FDE stands for **Ford**
Diesel Engine

Quartz
Ineo **HTC** 5W-30:
HTC stands for
High Temperature
Countries

Quartz
Ineo **ECS** 5W-30:
ECS stands for
Emission Control
System³

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

Quartz, the track is our lab

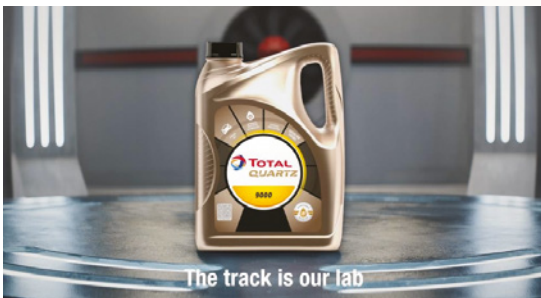
Born from motorsports:

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.



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: Approved for factory fill and service fill BMW LL-17 FE+ (backward compatible BMW LL-14FE+)	Suitable for Ford WSS-M2C952-A1
Quartz 9000 Energy	0W-40	✓			A3/B4	SN/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-M2C 937-A	
Quartz Ineo Racing	10W-60	✓		✓	C3	SN/CF		ASTON MARTIN V8 naturally aspirated engines: Service fill approved	BMW M-Series
Quartz Racing	10W-50	✓			A3/B4	SN/CF			
Quartz Racing	10W-60	✓				SN/CF			Suitable for BMW M-Series



Performing to the extremes:

Endurance race

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

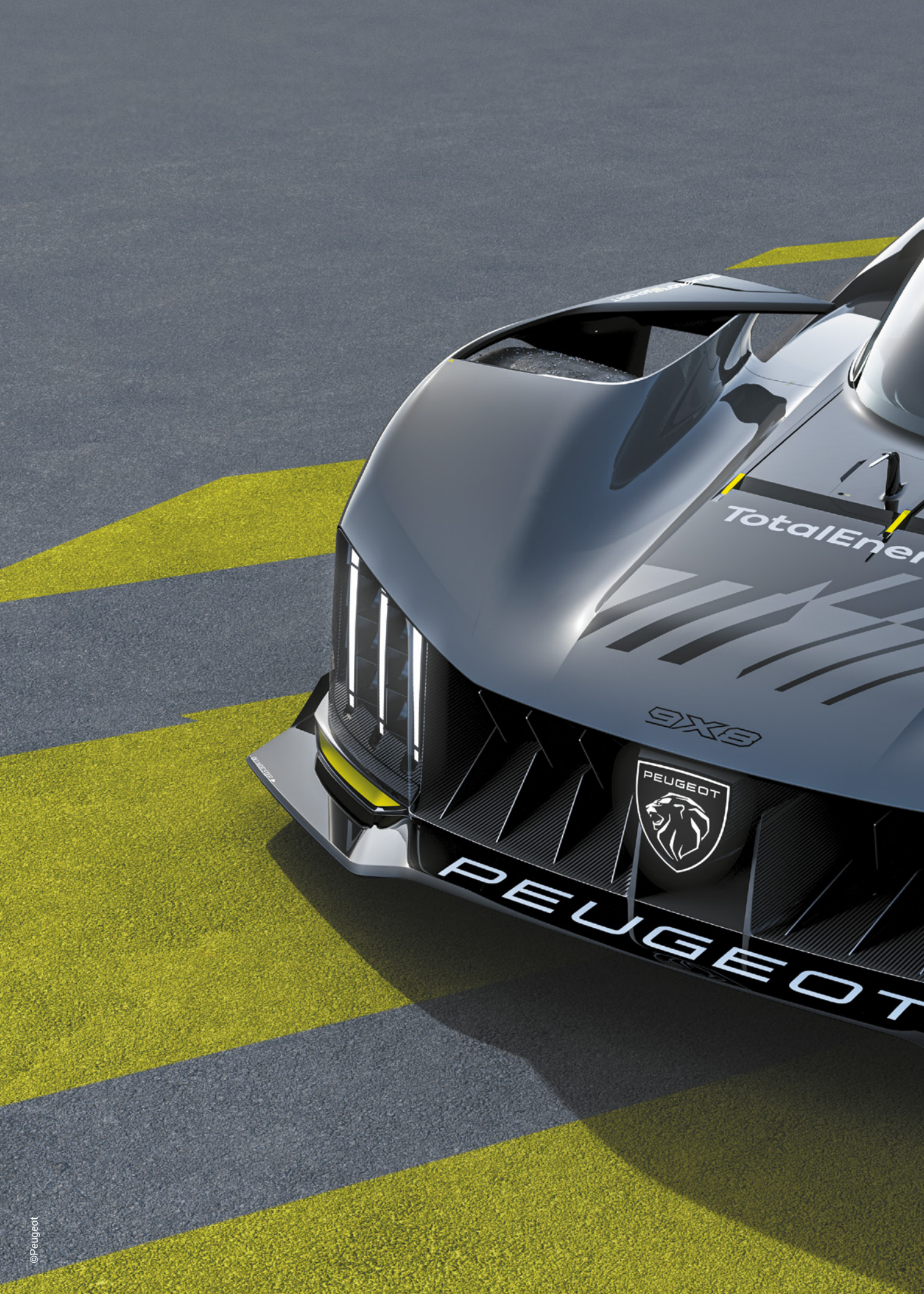
The performances of our partners in highly demanding races such as 24 Hours of Le Mans have proven the reliability of Quartz engine oils.

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 motorsport





TotalEnergies

9X8



PEUGEOT



TotalEnergies

GEOT

PEUGEOT
FORMULA 1

SXS

gies

DO NOT STEP

Quartz EV fluid, making way for cleaner mobility

Today's environmental challenges and the resulting regulations are forcing the automotive industry to innovate constantly while responding to user expectations for quality and performance.

At TotalEnergies Lubrificants, we have always worked hand in hand with our customers to develop tailored solutions that meet their specific needs and guarantee optimum operation and maintenance for their vehicles and equipment.

TotalEnergies Lubrificants: committed to cleaner mobility.

As a trusted partner to car manufacturers, TotalEnergies Lubrificants aims to become the responsible energy major. This explains our longstanding commitment to delivering technical, people-oriented solutions and sustainable performances. Our goal is to promote cleaner mobility that is better for both people and the environment.

In 2018, following a major R&D formulation effort TotalEnergies was very proud to become the first oil marketer to commercialize a dedicated product portfolio for Electric Vehicles. Two new, highly innovative product ranges that meet vehicle manufacturers' needs and will help them design increasingly efficient electric and hybrid vehicles: **Quartz EV Fluid** for light vehicles and **Rubia EV Fluid** for heavy vehicles.

These high-performance fluids can keep vehicles running smoothly from the time they roll off the assembly line to the end of their useful lives.

Quartz EV Fluid and Rubia EV Fluid ranges for Hybrid and Electric vehicles.

As hybrids and EVs become increasingly powerful and their battery ranges and charging speeds improve, standard fluids are unable to keep up in terms of robustness, heat resistance and cooling capacity.

Quartz EV Fluid and Rubia EV Fluid are the first fluid ranges in the market that respond to these vehicles' specific requirements, as well as to their related electrical, thermal and friction constraints.

Quartz EV Fluid, pioneering electrical lubrication.

Services and digital solutions

LubPilot: Simply manage your lubricants.

LubPilot by TotalEnergies Lubrificants is a unique digital and innovative service.

Thanks to a smart sensor, our distributors and resellers have now the possibility to:

- **Monitor lubricant levels in drums and workshops of their customers in real-time,**
- **Receive notifications and inform their clients when it is time to re-order the products.**

LubPilot provides valuable benefits:

- Reduction of stock depletion,
- Development of sales opportunities,
- Increase of customer loyalty,
- Reduction of urgent delivery,
- Optimization of storage costs.

With LubPilot, maximize your sales performances and optimize your logistic efficiency!



LubAdvisor: Find the right oil.

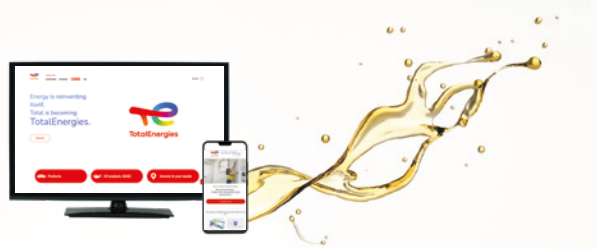
Which oil does my car need?

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

LubAdvisor by TotalEnergies Lubrificants has the answer.

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

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



Notes

A series of horizontal dotted lines for writing notes.



TotalEnergies

lubricants.totalenergies.com