

Together,
we drive
innovation



O P E L recommends TotalEnergies

OFFICIAL PARTNERS /

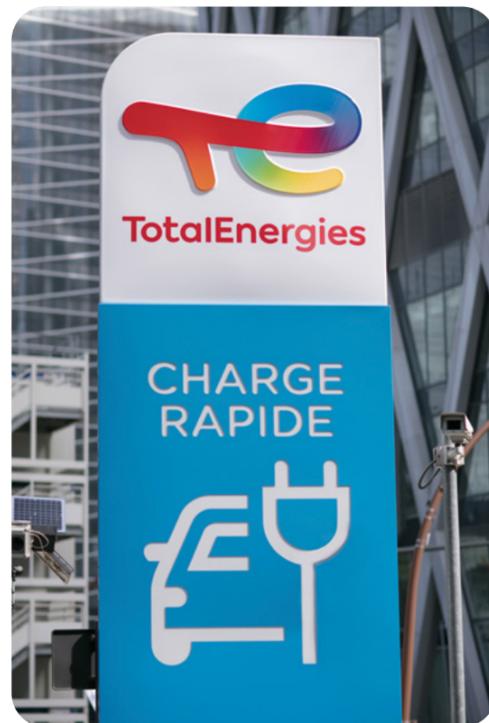


1 • Corporate Highlights

TotalEnergies, committed to Better Energy

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 places all aspects of sustainable development at the heart of its projects and operations to contribute to the well-being of people.



TotalEnergies Lubrificants, cutting edge R&D in lubricant innovation for over 60 years

TotalEnergies Lubrificants is one of the world's leading manufacturers and marketers of engine oils of lubricants, greases and special fluids. We have 41 production plants worldwide and more than 5,800 employees in 150 countries. TotalEnergies Lubrificants offers innovative, efficient and environmentally responsible products and services developed by more than 300 researchers at its R&D center. TotalEnergies Lubrificants is a partner of choice for the automotive, industrial and marine markets.



160
COUNTRIES SELLING OUR PRODUCTS



43
LUBRICANTS FACTORIES WORLDWIDE

160
GREASE BLENDING PLANTS

1
RESEARCH CENTER



1
TECHNICAL CENTER



330
RESEARCHERS



5,800
EMPLOYEES



5

pillars of the partnership

2 • The global partnership

TotalEnergies and Stellantis, a comprehensive worldwide partnership

At the beginning of 2021, TotalEnergies and Stellantis renewed their strategic partnership for the Peugeot, Citroën and DS Automobiles brands for another five years.

The longstanding partnership began with Citroën in 1968 and has now been extended to two new brands: Opel and Vauxhall.



“We are very proud to strengthen our collaboration with TotalEnergies”

says **Thierry Koskas**, Chief Sales and Marketing Officer, Stellantis.

“The advanced lubricant technologies and co-developments launched in high performance batteries represent major technological advances in our business and mobility offerings of tomorrow, for our everyday customers and our motorsport business”.

1

RESEARCH & DEVELOPMENT

Increased collaboration in Research & Development, with common R&D objectives in sustainable development and innovation, particularly new forms of mobility, low-carbon or bio-sourced fuels, lubricants and fluids specially optimized for new electrified engines and their components, including batteries.



2

FACTORY FILL SUPPLY

TotalEnergies is the leading supplier of first-fill engine and transmission oils for all new Peugeot, Citroën, DS Automobiles, Opel and Vauxhall vehicles produced throughout the world.



3

EXCLUSIVE AFTER-SALES RECOMMENDATION

Exclusive worldwide recommendation of Quartz lubricants, originated from the first fill formulation for the after-sales and maintenance networks of the Peugeot, Citroën, DS Automobiles, Opel and Vauxhall brands. Approved repair specialists have access to TotalEnergies' high-tech motor oils, specifically developed for the engines of these five vehicle brands, guaranteeing performance, reliability and fuel savings.

4

EXCLUSIVE PARTNERSHIP IN MOTORSPORT

Competitive motorsport, with technical and sporting cooperation which will focus exclusively on the various electric and hybrid programmes launched by the brands.

Opel Motorsport, the new strategic partner of TotalEnergies, has launched the Opel Corsa-e Rally Cup which is the world's first electric rally trophy.



“To be able to develop and execute an innovative project like the ADAC Opel e-Rally Cup, strong, competent partners are essential. TotalEnergies combines outstanding expertise with great experience in motorsport. Passion for racing and competitive spirit are equally part of the DNA of TotalEnergies and Opel. We are therefore delighted to be partnering this project, which represents a genuinely pioneering achievement in rallying”.

says **Jörg Schrott**, Motorsport Director, Opel Automobile GmbH.

5

NEW MOBILITIES

Mobility and EV charging are a new aspect of this partnership. **Free2Move**, the Mobility brand of Stellantis, will use the network of charging stations operated by TotalEnergies for its car-sharing activity in Paris. Other proposals related to simpler electric mobility are also under consideration.



3 · Service offering

In a highly competitive environment, TotalEnergies has an unique expertise in assisting the automobile dealerships.

Alongside Opel, TotalEnergies has developed a complete set of professional and innovative solutions based on high-performance engine oils : the Quartz range. Together with tailor-made services, incentive programs for dealerships and the extensive network of TotalEnergies specialists ready to assist you.

TotalEnergies Lubrificants' first-class service offering will allow to:

- Grow your oil business and profitability
- Improve your customers' satisfaction and loyalty
- Develop your team's technical skills and knowledge of lubricants



Professional and dedicated teams to serve Opel dealers and customers

A team of TotalEnergies specialists is always available and at your service, in more than 160 countries, to help and advise you on the right lubricant for Opel vehicle vehicles to provide you the best after to provide you with the best after-sales experience.

TotalEnergies offers a comprehensive range of professional services to Opel dealers and customers:

- Technical training programs for the dealership staff.
- Joint sales operations.
- Innovative promotional campaigns and sales operations.
- Marketing support, POS materials, lubrication charts, oil change stickers.
- Investment and equipment programs.
- Technical assistance for the best oil selection.

4 · Product offering

Quartz deals with the demands of a diversified customer base every day.

From motorsport teams and top racers to real-life experts such as manufacturers and mechanics, our oils tailored to meet all customer needs.

Quartz engine oils offer a high quality with outstanding protection and high fuel economy performance, providing a complete peace of mind to all Opel drivers, everyday.



**Quartz :
Keep your engine
younger for longer!**

Key technical criteria to choose the right oil for Opel vehicles



In all cases, please refer to your car maintenance manual to understand which technical requirements/norms are required for the engine oil.



PROTECTION AGAINST WEAR

Make sure your oil ensures complete protection of ring, piston, bore cylinder and cylinder head zones. To know if your oil excels in protecting the metal parts by reducing friction between them, compare its level of protection against wear to the international standards requirements.



CLEANLINESS

Choose an oil that optimizes piston merit. You can measure the engine cleanliness provided by your oil by comparing it to the international standards requirements.



FUEL ECONOMY

This indicates the percentage of reduction in fuel consumption. The higher the percentage, the greater the fuel economy and CO₂ emissions reduction.



LSPI

Today, with downsized engines, LSPI (Low Speed Pre-Ignition), or super knock, occurs during combustion and can cause considerable damage. The premature and uncontrolled combustion of air-fuel mixture results in excessive pressure inside the cylinders. The main risks are damage to the main engine parts, including the pistons, piston rings, rods and spark plugs. Choose oils with high resistance to LSPI.



Quartz recommended engine oils for Opel vehicles.

Quartz Ineo Xtra First 0W-20



International standards:
ACEA C5
API SN Plus



OEM Approvals:
PSA B71 2010

Meets the requirements of:
Fiat 9.55535-DM1

Gasoline Diesel LPG CNG



Quartz Ineo Xtra First 0W-20 is an advanced synthetic engine oil specially designed for Stellantis (ex-PSA) vehicles equipped with the latest generation of PSA engines (Diesel and Gasoline, from Euro 6.2 to Euro 7):

- Perfectly suited for use with recent engines of Stellantis/ PSA (DV5R and EB2DT), and particularly for the ones equipped with BLUE HDi PureTech using Stop & Start technologies, and hybrid engines which require new-generation engine oils.
- Fuel savings of 3,3% as measured by the official ACEA M111 FE test.
- Easier cold starts: the 0W-20 grade makes cold engine starts easier, even at very low temperatures.

Quartz Ineo Xtra EC6 0W-20



International standards:
ACEA C6, C5
API SP (RC)
ILSAC GF-6A

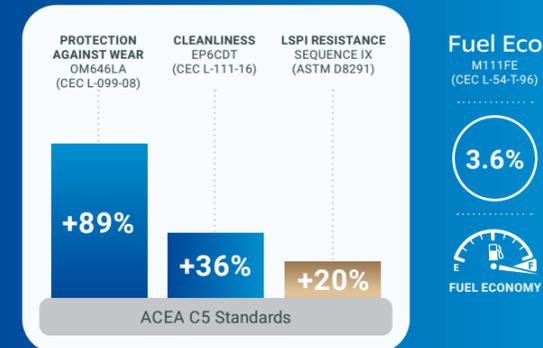


Aiming at reducing the environmental impact, the 1L & 5L produced in Europe are made of 50% recycled plastic and are 100% recyclable.

OEM Approvals:
Opel/Vauxhall OV 040 1547 - A20
Jaguar Land Rover STJLR 03.5006
Volvo VCC RBS0-2AE
MB-Approval 229.72 (Backward compatible)
Ford WSS-M2C-962-A1, Ford WSS-M2C-947-B1

Meets the requirements of:
Fiat 9.55535-GSX
Chrysler MS-12145

Gasoline Diesel LPG CNG



Quartz Ineo Xtra EC6 0W-20 is an advanced synthetic technology engine oil designed for the newest generation of premium car manufacturers' engines.

- Its cutting-edge Eco-Science technology reduces friction to its minimum, contributing to exceptional fuel economy performance: up to 3,6%.
- Empowered with the latest API SP and ILSAC GF-6 sequences, Quartz Ineo Xtra EC6 0W-20 meets the stringent engine oil performance requirements for spark-ignited internal combustion engines and provides outstanding protection against LSPI (Low Speed Pre-ignition).
- The innovative formulation of Quartz Ineo Xtra EC6 0W-20 makes it the perfect fit for hybrid vehicles and vehicles equipped with downsized and turbocharged engines.

Quartz Ineo First 0W-30



International standards:
ACEA C2
API SN Plus



OEM Approvals:
PSA B71 2312 & 2302

Meets the requirements of:
JAGUAR LAND ROVER
STJLR.03.5007

Suitable for Toyota, Fiat 9.55535-DS1, Fiat 9.55535-GS1

Gasoline Diesel Hybrid LPG



Your engine will be perfectly protected with Quartz Ineo First 0W-30 thanks to:

- The excellent resistance against LSPI events, 96% better than the ACEA C1 standards.
- Great cleanliness and protection against wear during the entire drain interval with results 72% better than ACEA C1 requirements.
- 3.1% Fuel Economy performance, leading to reduced fuel consumption and fewer CO₂ emissions.

Quartz Ineo MC3 5W-30



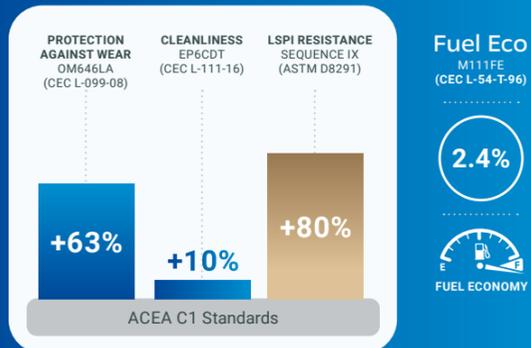
International standards:
ACEA C3
API CF, API SN PLUS

Meets the requirements of:
JAGUAR LAND ROVER
STJLR.03.5007
Chrysler MS-11106
GM DEXOS®2™
VW 505.01

OEM Approvals:
BMW LL-04
MB-APPROVAL 229.52
KIA ENGINE OIL
Opel/Vauxhall OV0401547, OV 040 1547 - D30, OV 040 1547 - G30

Suitable for Fiat 9.55535-S3

Gasoline Diesel LPG, CNG, GAS



High technology engine lubricant meeting the latest Opel & Vauxhall standards **OV 040 1547 - G30 & OV 040 1547 - D30**.

- Its Low SAPS technology makes it the lubricant of choice for optimal operation of the latest-engine generation equipped with anti-pollutant devices.
- This engine oil is suitable for the most severe conditions of use (+63% of protection against WEAR vs ACEA C3 standards)
- This product satisfies the most demanding manufacturer service plans by permitting extra-long intervals.

Quartz Ineo MDC 5W-30



International standards:
ACEA C2, C3
API SN/CF

Meets the requirements of:
Hyundai Motors
Kia Engine Oil

OEM Approvals:
MB 229.52
Opel/Vauxhall OV 040 1547 GM DEXOS®2™
Opel/Vauxhall OV 040 1547 - D30

Suitable for Fiat 9.55535-CR1

Gasoline Diesel



- Quartz Ineo MDC 5W-30 provides superior engine protection even in severe conditions (urban start & stops, extreme temperatures, etc.)
- Thanks to its Age-Resistance Technology, the metal parts will be well lubricated, offering power and maximizing engine performance.
- Good Fuel Economy performance will help to lower CO₂ emissions and reduce fuel consumption.
- Moreover, its high level of fuel economy will save 2.6% on fuel, reducing CO₂ emissions and protecting the environment.

Quartz 9000 Future FGC 5W-30



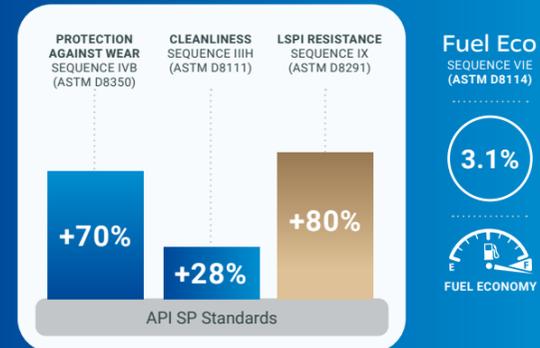
International standards:
API SP
ILSAC GF-6A

Meets the requirements of:
Chrysler MS 6395

OEM Approvals:
Opel/Vauxhall OV 040 1547 - G30
Ford WSS-M2C961-A1 GM DEXOS®1™ GEN 3

Suitable for Fiat 9.55535-CR1

Gasoline LPG



- Quartz 9000 Future FGC 5W-30 is formulated with Age-Resistance Technology and is specially recommended for Opel gasoline and LPG vehicles to maximize engine performance.
- This oil will keep the engine clean and perfectly protected against wear during the entire drain interval and at different driving speeds.
- Perfectly suited to downsized engines, it has excellent resistance to super knock (LSPI) events, 80% better than API SP standards.
- Moreover, its high level of fuel economy will save 3.1% on fuel, reducing CO₂ emissions and protecting the environment.

5 · Oil recommendations

Engine oils

CARLINE	ENGINE FAMILY	ENGINE CODE	Quartz Ineo MC3 5W-30				
			ACEA C5 PSA B71 2010 OV 040 1547 - A20	ACEA C5, C6 API SP ILSAC GF-6A OV 040 1547 - A20	ACEA C2 PSA B71 2312 PSA B71 2302	ACEA C2, C3 API SN/CF OV 040 1547 - D30	API SP ILSAC GF-6A OV 040 1547 - G30
DIESEL							
ASTRA-H	Circle L / Fam B / SDE	LPL, LPV, LPZ, LRB, LPM, LPP, LRA, LRD, L4I				•	
	MDE	LVM	•	•			
ASTRA-J	Circle L / Fam B / MDE / SDE	LKR, LPL, LPV, LUD, LUE, LBS, LBX, LBY, LVL (Euro 6.1), LSF				•	
ASTRA-K	CSS-50V / MDE	LXD, LWQ, LWV, LVL (Euro 6.2), LXO	•	•			
	MDE	LVL (Euro 6.1), LVK				•	
ASTRA-L	DV5RC	LQP	•				
CASCADA	Fam B / LDE	LBS, LBY, LFS				•	
COMBO-E	DV5RC / DV5RD / DV5RE	LQP, LQJ	•				
	DV6D / DV6FD / DV6FE	LFU, LEK			•		
CORSA-D	Circle L / SDE	LPL, LUD, L4I, LDP, LDV, LSF				•	
CORSA-E	SDE	LKU, LKV				•	
CORSA-F	DV5RCF / DV5RD	LQJ	•				
CROSSLAND X	DV5RC / DV5RCD / DV5RCE / DV5RD	LQP, LQJ	•				
	DV6D / DV6FC / DV6FD	LFU, LDI, LEK			•		
GRANDLAND X	DV5RC / DW10FC / DW10FD	LQP, LCI, OSQ	•				
	DV6FC	LDI			•		
INSIGNIA-A	Fam B / LDE / MDE	LBQ, LBR, LBS, LBX, LBY, LCD, LHV, LFS, LVL (Euro 6.1)				•	
INSIGNIA-B	Fam B / LDE / MDE	LFQ, LFS, LVL (Euro 6.1)				•	
	CSS-50V / MDE	LSQ, LXD, LXO, LWQ, LVL (Euro 6.2)	•	•			
MERIVA-B	Circle L / MDE / SDE	LPL, LUB, LUD, LUE, LVL (Euro 6.1), LDV, LSF				•	
	MDE	LVM, LWQ	•	•			
MOKKA	Circle L / MDE	LUD, LVL (Euro 6.1)				•	
	MDE	LWV, LVL (Euro 6.2), LXO	•	•			
MOVANO-B	2.3L CDTI / 2.3L CDTI BIT / 2.3L DT	LOB, L2U, LWJ, LWL, LOD, LOP, LP6, LW7, LWK				•	
VIVARO-B	1.6L CDTI / 1.6L CDTI BIT / MFI	LWX, LWZ, LWU, LWY, LQI				•	
VIVARO-C	DV5RUC / DV5RUCD / DW10F / DW10FDCU / DW10FDU / DW10FEU	O4A, O4B, O4F, O4H, O4I	•				
ZAFIRA-B	Circle L / Fam B	LPL, LPV, LPM, LPP, LRD				•	
ZAFIRA-C	Fam B / LDE / MDE	LBQ, LBR, LBS, LBX, LBY, LFS, LVL (Euro 6.1)				•	
	MDE	LVL (Euro 6.2)	•	•			
ZAFIRA LIFE	DV5RUC / DV5RUCD / DW10F / DW10FDCU / DW10FDU / DW10FEU	O4A, O4B, O4F, O4H, O4I	•				
GASOLINE							
ADAM	Fam 0 3 rd	L2Z, LDD, LUJ, LWD					•
	SGE	LE1	•	•			
AMPERA	Fam 0 3 rd	LUU					•
ASTRA-H	Fam 0 2 nd / Fam 1 2 nd / Fam 1 3 rd / Fam II / L850	LB4, LJ2, LKA, 2H9, 2H0, LDE, LJ7, LLU, LCF, LPI, LU2, LCH					•
ASTRA-J	Fam 0 3 rd / Fam 1 3 rd / L850 / MGE	LDD, LUJ, 2H0, LDE, LLU, LHU, LVP, LWC					•
ASTRA-K	CSS Prime / MGE	LH, LWC					•
	CSS-45T / SGE	L3T, LE1, LE2, LV7	•	•			
ASTRA-L	EB2ADT / EB2ADTS	O3R, O3S	•				
CASCADA	Fam 0 3 rd / MGE	LUJ, LVP, LWC					•
COMBO-E	EB2ADT / EB2ADTS	LES, O3S	•				
	EC5F	O3Z			•		
CORSA-D	Fam 0 2 nd / Fam 0 3 rd / Fam 1 3 rd	LB4, LJ2, LJ4, L2Z, LDB, LDC, LDD, LH, LWD, LDW, LNG					•
CORSA-E	Fam 0 3 rd / Fam 1 3 rd	LDC, LDD, LUJ, LLU					•
	SGE	LE1	•	•			
CORSA-F	EB2ADTD / EB2ADTS / EB2ADTS_1 / EB2ADTD_1 / EB2FAD	O3R, O5F, O3S, O5E, O3P	•				
	EB2FAMD	LFQ			•		
CROSSLAND X	EB2ADT / EB2ADTS / EB2FA / EB2FAMA	LES, O5D, LEG, O5E, LEZ	•				
	EB2DT / EB2DTM / EB2DTS / EB2F	LES, LEG, LEZ			•		

Engine oils

CARLINE	ENGINE FAMILY	ENGINE CODE	Quartz Ineo MC3 5W-30				
			ACEA C5 PSA B71 2010 OV 040 1547 - A20	ACEA C5, C6 API SP ILSAC GF-6A OV 040 1547 - A20	ACEA C2 PSA B71 2312 PSA B71 2302	ACEA C2, C3 API SN/CF OV 040 1547 - D30	API SP ILSAC GF-6A OV 040 1547 - G30
GASOLINE							
GRANDLAND X	EB2ADT / EB2ADTS	LES, O3S	•				
	EB2DTS / EP6FATXD / EP6FDTM / EP6FDTMD	LES, BNZ, LHI			•		
INSIGNIA-A	Fam 0 3 rd / Fam 1 3 rd / HFV6 / L850 / LGE / MGE	LUJ, 2H0, LDE, LLU, LAU, LBW, LDK, LHU, LTG, LVP, LWC					•
INSIGNIA-B	CSS-45T / CSS-50T / SGE	L3T, LSY, LFV	•	•			
	LGE / MGE	LTG, LWC					•
KARL	SGE	L5Q	•	•			
MERIVA-B	Fam 0 3 rd	LDD, LUH, LUJ					•
MOKKA	Fam 0 3 rd / Fam 1 3 rd	LUJ, 2H0, LDE					•
	SGE	LEZ	•	•			
ZAFIRA-B	Fam 1 3 rd / Fam II / L850	2H0, LDE, LJ7, LPI, LU2, LCH					•
ZAFIRA-C	Fam 0 3 rd / Fam 1 3 rd / MGE	LUJ, 2H0, LVP, LWC					•
LPG, GAS, CNG							
ADAM - LPG	Fam 0 3 rd	L2Z, LDD					•
ASTRA-H - LPG	Fam 0 2 nd	LJ2					•
ASTRA-J - LPG	Fam 0 3 rd	LUJ					•
ASTRA-K - CNG	SGE	LFE	•	•			
CORSA-D - LPG	Fam 0 2 nd / Fam 0 3 rd	LB4, LJ2, LDC					•
CROSSLAND X - LPG	EB2F	LEZ			•		
INSIGNIA-A - LPG	Fam 0 3 rd	LUJ					•
KARL - LPG	SGE	LWT	•	•			
MERIVA-B - LPG	Fam 0 3 rd	LUH					•
MOKKA - LPG	Fam 0 3 rd	LUJ					•
ZAFIRA-B - CNG	Fam 1 2 nd / Fam 1 3 rd	LRI, LGE					•
ZAFIRA-B - LPG	Fam 1 3 rd	2H0					•
ZAFIRA-C - GAS	Fam 1 3 rd	LGE					•
ZAFIRA-C - LPG	Fam 0 3 rd	LUJ					•
HYBRID							
ASTRA L	EP6FADTXHPD	LTM			•		
GRANDLAND X	EP6FATXD	LTM			•		

Transmissions Oils

Specially designed for the latest Opel manual gearboxes, we recommend the following products to ensure excellent gear engagement, smoother gear shifts and extend clutch life.



TRAXIUM GEAR 9 FE SAE 75W

For manual gearbox lubrication and a high level of fuel economy.





TRAXIUM GEAR 8 75W-80

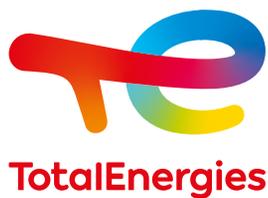
For manual gearbox lubrication.



PSA APPROVAL: B71 2316 / B71 2317
API GL-4

PSA APPROVAL: B71 2330
API GL-4

For more information:
lubricants.totalenergies.com



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