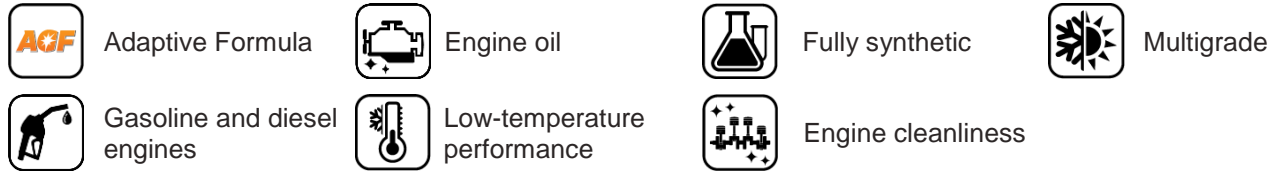


G-Energy F Synth 0W-40

Premium Fully Synthetic Passenger Vehicle Engine Oil



G-Energy F Synth 0W-40 is high performance synthetic engine oil designed to provide outstanding wear protection, excellent cleaning power and outstanding overall performance. G-Energy F Synth 0W-40 meets the requirements of many OEM specifications required by the latest gasoline and diesel engines. It provides long engine life for many types and ages of vehicles with enhanced protection over a wide temperature range.

Applications



- Turbo-charged and direct injection high performance engines
- Gasoline and diesel engines without diesel particulate filters (DPF)
- Passenger cars, SUV's, light trucks and vans
- Highway cruising and stop and go city driving
- Normal to frequently severe operating conditions

	Features	Advantages and Potential Benefits
	Fully synthetic	Excellent overall lubrication and wear protection performance for many driving styles
	Excellent low temperature performance	Quick cold weather starting helps to extend engine life
	Improved thermal and oxidation stability	Helps to resist oil aging allowing extended drain interval protection
	Active cleaning agents	Helps prevent deposits and sludge build-up to enable long engine life
	High Viscosity Index	Excellent overall lubrication and wear protection for long component and engine life
	Low volatility	Thoroughly selected base oils helps to control oil consumption

Meets the requirements:

- API SN/CF
- ACEA A3/B4
- BMW Longlife-01
- Ford WSS-M2C937-A
- MB 229.5/MB 229.3/MB 229.1
- MB 226.5
- Porsche A40

Approvals:

- Renault RN700
- Renault RN710
- VW 502.00/505.00

Typical Characteristics

Properties	Method	G-Energy F Synth 0W-40
SAE Viscosity Grade	SAE J300	0W-40
Kinematic Viscosity @40°C, mm ² /s	ASTM D445	77,3
Kinematic Viscosity @100°C, mm ² /s	ASTM D445	13,6
Viscosity Index	ASTM D2270	181
Total Base Number, mg KOH/g	ASTM D2896	10,4
Flash Point (COC), °C	ASTM D92	228
Pour Point, °C	ASTM D97	-45
Density @15°C, kg/m ³	ASTM D4052	843

G-Energy F Synth 0W-40 performance benefits compared to ACEA A3/B4

Valve Train

- Optimized power and fuel consumption (cam wear 67% lower)¹
- Lower sludge formation (rocker cover sludge 19% lower)²

Cylinder-piston group

- Prolong engine life (piston 33% cleaner)¹
- Excellent overall lubrication (bore polishing 40% lower)¹

Crankshaft

- Excellent cold-start performance (MRV@-40°C 67% lower)⁴
- Leakage control due to elastomer compatibility (volume changes 2,5 times lower)⁵

Oil Screen

- Protection against oil starvation (oil screen clogging 20 times lower)²
- Engine cleanliness (engine sludge 17% lower)²

1-OM602A (CEC-L-51-T-98); 2-Sequence VG; 3-VW DI Diesel; 4-CEC L-105; 5- CEC-L-39-96

Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.

✓ ISO 9001

✓ ISO 14001

✓ ISO/TS 16949

✓ OHSAS 18001

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G-Energy F Synth 0W-40 recommendations*

Makes	Models	Engines
AUDI	A1, A3, A4, A5, A6, A7, A8, Q1, Q3, Q5, Q7	Gasoline; Diesel before 2000
BMW	GT, Series1, Series3, Series5, Series7, X1,X3, X5, X6	Gasoline; Diesel before 2004
CHERY	QQ6, CHANCE, M, TENGO, A, INDIS, E5, ARRIZO, RIICH, J11, TIGGO, BOSS, CROSSEASTAR	Gasoline
CHEVROLET	AVEO,CAPTIVA, LANOS, NIVA, REZZO, VIVA	Gasoline; Diesel before 2006
CITROEN	C1, C2, C3, C4, C5, C6, C8, DS3, DS4, DS5	Gasoline (except THP, VTi, PureTech types); Diesel before 2005
DACIA	SUPERNOVA, SOLENZA, SANDERO, LOGAN, DUSTER, LODGYM DOKKER	Gasoline and Diesel without particulate filters
DAEWOO	MATIZ, NEXIA, GENTRA	Gasoline
DAIHATSU	CUORE, MIRA, CHARADE, TREVIS, MOVE, S RION, YOUNG RV, MATERIA, TERIOS, COPEN	Gasoline
DATSUN	MI-DO, ON-DO	Gasoline
FIAT	500, DOBLO, 600, SEICENTO, PANDA, PALIO, ALBEA, SIENA, IDEA, PUNTO, LINEA, BARCHETTA, BRAVO, STILO, MAREA, CROMA, SEDICI, MULTIPLA	Gasoline and Diesel without particulate filters before 2010
GAZ	3102, 31029, 3110, SIBER	Gasoline
GEELY	BEAUTY LEOPARD, BORUI, FREE CRUISER, EMGRAND, YUANJIN, VISION, GL EAGLE, HOAQING, LC PANDA, MEIRI ULIOU, KING KONG, JINGYING	Gasoline before 2014
GREAT WALL	HAVAL, FLORID, VOLEEX, COOLBEAR, HAVAL, TENGYI, HOVER	Gasoline
HONDA	JAZZ, CIVIC, STREAM, ACCORD, LEGEND, HR-V, CR-V, NSX	Gasoline before 2004
HYUNDAI	ACCENT, ELANTRA, GETZ, I20, I30, I40 IX35, IX55, MATRIX, SANTA FE, SOLARIS, SONATA, TERRACAN, TUCSON, VERNA	Gasoline and Diesel without particulate filters
INFINITI	G, I, JX, M, Q, EX, FX, QX	Gasoline
KIA	CARENS, CARNAVAL, CEED, CERATO, MAGENTIS/OPTIMA, PICANTO, RIO, SORENTO, SOUL, SPECTRA/SEPHIA/SHUMA, SPORTAGE, VENGA	Gasoline and Diesel without particulate filters
LADA	All models	Gasoline
LIFAN	320, 520, 620, 720	Gasoline
MAZDA	2,3, 323, 6, ATENZA, AXELLA, CAPELLA, DEMIO, FAMILIA, PREMACY	Gasoline; Diesel before 2004
MERCEDES-BENZ	A, B, C, E, S, SLK, SLC, SL, CLA, CLC, CLK, CLS, CL, GLA, GLK, GLC, M, GLE, R, G, GL, GLS	Gasoline and Diesel without particulate filters
MITSUBISHI	AIRTREK, CARISMA, COLT, GALANT, GRANDIS, L200, LANCER, CEDIA, LIBERO, MIRAGE, OUTLANDER, PAJERO, PININ, SPORT, SPACE STAR	Gasoline; Diesel before 2009
NISSAN	ALMERA, CUBE, EVALIA, JUKE, LEAF, MAXIMA QX, ICRA, MARCH, MURANO, NAVARA, NOTE, PATHFINDER, PATROL, TERRANO, PIXA, PULSAR, PRIMERA, QASHQAI, SKYLINE, TEANA, TIIDA, X-TRAIL	Gasoline and Diesel without particulate filters
PEUGEOT	206, 207, 3008, 307, 308, 406, 407, 408, 508	Gasoline (except THP, VTi, PureTech types); Diesel before 2009
PORSCHE	911, BOXSTER, CAYMAN, CAYENNE, PANAMERA, MACAN	Gasoline
RENAULT	CLIO, DUSTER, FLUENCE, LAGUNA, LOGAN, MEGANE, SANDERO, SCENIC, SYMBOL	Gasoline and Diesel without particulate filters
SEAT	AROSA, IBIZA, LEON, CORDOBA, EXEO, TOLEDO, ALTEA, ALHAMBRA	Gasoline; Diesel before 2000
SKODA	FABIA, OCTAVIA, RAPID, ROOMSTER, SUPERB, YETI	Gasoline; Diesel before 2000
SSANG YONG	ACTYON, CHAIRMAN, KORANDO, KYRON, MUSSO, REXTON, RODIUS	Gasoline and Diesel without particulate filters
SUZUKI	ALTO, CELERIO, WAGON, SPLASH, SWIFT, IGNIS, SX4, LIANA, KIZASHI, JIMNY, VITARA, GRAND VITARA	Gasoline
TAGAZ	VEGA, TAGER	Gasoline
TOYOTA	AVENSIS, CALDINA, CAMRY, CARINA, COROLLA, CORONA, GAIA, HARRIER, HIGHLANDER, HILUX, IPSUM, IST, LAND CRUISER, MARK, NADIA, NOAH, OPA, PLATZ, PREMIO, PRIUS, RAV 4, SUCCEED, VERSO, VISTA, VITZ, WISH, YARIS	Diesel without particulate filters before 2007
UAZ	3151, HUNTER, PATRIOT, PICKUP, CARGO	Gasoline and Diesel
VOLKSWAGEN	AMAROCK, BORA, GOLF, JETTA, PASSAT, POLO, SHARAN, TIGUAN, TOUAREG, TOURAN	Gasoline; Diesel before 2000

* Third party data is used to determine the recommended products. Gazpromneft Lubricants accepts no liability for the suitability of any recommendation made. Any decisions you make based on this information are your sole responsibility. Before adding any products to your vehicle, please always check vehicle/equipment handbook to confirm the suitability of any product recommendations for your vehicle/equipment.

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