

G-Energy F Synth C2/C3 5W-30

Premium Fully Synthetic Passenger Vehicle Engine Oil



G-Energy F Synth C2/C3 5W-30 is fully synthetic high performance engine oil designed to prolong life and maintain efficiency of the Exhaust Emission Reduction Systems in both diesel and gasoline powered vehicles. It provides ultimate performance and protection under all operating conditions. G-Energy F Synth C2/C3 5W-30 helps to prolong 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 with exhaust emission control systems (EGR, SCR, DPF, TWC)
- 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	Ultimate overall protection and performance under all operating conditions
	Advanced additive package	Specifically designed for use with emission control systems like DPF (Diesel Particulate Filter) and TWC (Three Way Catalyst) to keep them in optimal conditions
	Excellent low temperature performance	Instant oil flow at low temperatures provides easy cold starts and optimal lubrication from the first seconds after ignition
	Active cleaning agents	Helps prevent deposits and sludge build-up to enable long engine life
	Improved wear protection	Provides ultimate protection against wear under all operating conditions for long component and engine life

Meets the requirements:

- ACEA C2, ACEA C3
- API SN (licensed)
- Fiat 9.55535-S1
- Fiat 9.55535-S3
- General Motors dexos2™
- MB 229.52
- PSA B71 2290

- General Motors dexos2™ standard is suitable for the whole range of GM-OPEL diesel engines (with or without DPF) and gasoline engines from MY 2011. GM dexos2™ fully supersedes and replaces both GM-LL-A-025 (gasoline) and GM-LL-B-025 (diesel) specifications for the European market.
- MB 229.52 standard was developed for all Mercedes "BlueTEC" diesel engines fitted with SCR. MB 229.52 specification is fully backward compatible with low-ash MB 229.51 and MB 229.31 specifications for all Mercedes diesel engines with or without DPF and some gasoline engines. MB 229.52 standard also requires lower ash content, at least 1% better fuel economy and better oxidation stability for biofuel compatibility.

Typical Characteristics

Properties	Method	G-Energy F Synth C2/C3 5W-30
SAE Viscosity Grade	SAE J300	5W-30
Kinematic Viscosity @40°C, mm ² /s	ASTM D445	69,3
Kinematic Viscosity @100°C, mm ² /s	ASTM D445	12,2
Viscosity Index	ASTM D2270	173
Total Base Number, mg KOH/g	ASTM D2896	7,0
Flash Point (COC), °C	ASTM D92	230
Pour Point, °C	ASTM D97	-42
Density @15°C, kg/m ³	ASTM D4052	848

G-Energy F Synth C2/C3 5W-30 performance benefits compared to ACEA C2 and ACEA C3

Valve Train

- Optimized power and fuel consumption (cam wear 65% lower)¹
- Lower sludge formation (rocker cover sludge 19% lower)²

Cylinder-piston group

- Prolong engine life (piston 33% cleaner)³
- Engine protection (oxidation stability 61% higher)¹
- Excellent overall lubrication (cylinder wear 64% lower)³

Crankshaft

- Excellent cold-start performance (MRV@-35°C 65% lower)⁴
- Energy conserving (fuel economy 2,6% higher)⁵

Oil Screen

- Protection against oil starvation (oil screen clogging 80% lower)²
- Engine cleanliness (engine sludge 21% lower)²

1- Sequence IIIIG; 2-Sequence VG; 3-OM606LA; 4-ASTM D 4684; 5-M111

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 C2/C3 5W-30 recommendations*

Makes	Models	Engines
CADILLAC	BLS, ATS, CTS, XTS, XLR, ELR, STS, SRX, ESCALADE	Gasoline and Diesel engines
CHEVROLET	AVEO, CAPTIVA, CRUZE, EPICA, LACETTI, LANOS, NIVA, ORLANDO, REZZO, SPARK, VIVA	Gasoline and Diesel engines from 2007
CHRYSLER	SEBRING, 300C	Gasoline engines (except 6.4 HEMI V8) from 2005
CITROEN	C1, C2, C3, C4, C5, DS3, DS5, C-CROSSER, C-ELYSEE, BERLINGO, JUMPER	Gasoline and Diesel engines
DACIA	SUPERNOVA, SOLENZA, SANDERO, LOGAN, DUSTER, LODGYM DOKKER	Diesel engines with DPF
DAEWOO	MATIZ, NEXIA, GENTRA	Gasoline engines
DAIHATSU	CUORE, MIRA, CHARADE, TREVIS, MOVE, SIRION, YOUNG RV, MATERIA, TERIOS, COPEN	Gasoline engines
DATSUN	MI-DO, ON-DO	Gasoline engines
DODGE	CALIBER, AVENGER	Diesel engines
FIAT	500, DOBLO, 600, SEICENTO, PANDA, PALIO, ALBEA, SIENA, IDEA, PUNTO, LINEA, BARCHETTA, BRAVO, STILO, MAREA, CROMA, SEDICI, QUBO, MULTIPLA, FREEMONT	Diesel engines from 2005
GAZ	3102, 31029, 3110, SIBER	Gasoline engines
GEELY	BEAUTY LEOPARD, BORUI, FREE CRUISER, EMGRAND, YUANJIN, VISION, GL EAGLE, HOAQING, LC PANDA, MEIRI ULIOU, KING KONG, JINGYING	Gasoline engines
GREAT WALL	HAVAL, FLORID, VOLEEX, COOLBEAR, HAVAL, TENGYI, HOVER	Gasoline engines
HAIMA	2, 7, FAMILY, FREEMA, M, S	Gasoline engines
HONDA	JAZZ, CIVIC, FR-V, STREAM, ACCORD, LEGEND, HR-V, CR-V, NSX	Gasoline engines before 2004, Diesel engines with DPF
HYUNDAI	ACCENT, ELANTRA, GETZ, I20, I30, I40 IX35, IX55, MATRIX, SANTA FE, SOLARIS, SONATA, TERRACAN, TUCSON, VERNA	Gasoline and Diesel engines before 2008, Diesel engines with DPF
INFINITI	G, I, JX, M, Q, EX, FX, QX	Gasoline engines, Diesel engines from 2015
JEEP	GRAND CHEROKEE	Diesel engines
KIA	CARENS, CARNAVAL, CEED, CERATO, MAGENTIS/OPTIMA, PICANTO, RIO, SORENTO, SOUL, SPECTRA/SEPHIA/SHUMA, SPORTAGE, VENGA	Gasoline and Diesel engines before 2008, Diesel engines with DPF
LADA	Все модели	Gasoline engines
LEXUS	IS, RC, LC, GS, LS, RX, ES, NX, LX, GX	Diesel engines with DPF
MAZDA	2,3, 323, 5,6, ATENZA, AXELLA, CAPELLA, CX-3, CX-5, CX-7, CX-9, DEMIO, FAMILIA, PREMACY, VERISA	Diesel Skyactive engines
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 engines
MITSUBISHI	AIRTREK, ASX, CARISMA, COLT, DION, GALANT, GRANDIS, L200, LANCER, CEDIA, LIBERO, MIRAGE, OUTLANDER, PAJERO, PININ, SPORT, SPACE STAR	Gasoline engines before 2009, Diesel engines from 2010
NISSAN	ALMERA, CUBE, EVALIA, JUKE, LEAF, MAXIMA QX, MICRA, MARCH, MURANO, NAVARA, NOTE, PATHFINDER, PATROL, TERRANO, PIXA, PULSAR, PRIMERA, QASHQAI, SKYLINE, TEANA, TIIDA, X-TRAIL	Gasoline engines
OPEL	ANTARA, ASTRA, CORSA, INSIGNIA, MERIVA, MOKKA, VECTRA, ZAFIRA	Gasoline and Diesel engines
PEUGEOT	107, 108, 206, 207, 208, 301, 307, 308, 309, 407, 508, 1007, 3008, 4007, 4008, BIPPER TEPPE, PARTNER, TRAVELLER	Gasoline and Diesel engines
SAAB	9-2, 9-3, 9-5, 9-7	Gasoline and Diesel engines
SSANG YONG	ACTYON, CHAIRMAN, KORANDO, KYRON, MUSSO, REXTON, RODIUS	Gasoline and Diesel engines
SUBARU	IMPREZA, FORESTER, LEGACY, TREZIA, TRIBECA, WRX	Diesel engines
SUZUKI (EU)	ALTO, CELERIO, WAGON, SPLASH, SWIFT, IGNIS, SX4, LIANA, KIZASHI, JIMNY, VITARA, GRAND VITARA	Gasoline and Diesel engines with DPF
TOYOTA (EU)	AURIS, AVENSIS, CAMRY, COROLLA, HIGHLANDER, HILUX, LAND CRUISER, RAV 4, VERSO, YARIS	Diesel engines

* 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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