

G-Energy Service Line GMO 5W-30

Premium Fully Synthetic Engine Oil



Adaptive Formula



Engine oil



Fully synthetic



Multigrade



Gasoline and diesel engines



Driving comfort



Diesel Particulate Filter

G-Energy Service Line GMO 5W-30 is fully synthetic high performance low ash 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 Service Line GMO 5W-30 specifically formulated for use in GM, MB and BMW gasoline and diesel engines.

Applications



- Modern gasoline and diesel Mercedes-Benz vehicles (requiring a MB 229.51 or 229.52), BMW vehicles (requiring BMW Longlife-04) and Volkswagen vehicles (requiring a VW 502.00/505.00)
- GM/Opel/Vauxhall/Chevrolet diesel and gasoline models requiring General Motors dexos2™ approval or older GM/Opel specifications (GM-LL-A-025 and GM-B-LL-025)
- Cars with environmental friendly exhaust systems, like EGR, TWC and DPF

	Features	Advantages and Potential Benefits
	Fully synthetic	Ultimate overall protection and performance under all operating conditions
	Long drain interval	Outstanding long lasting performance without oxidative oil thickening and oil breakdown
	Advanced low ash 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
	Improved wear protection	Provides ultimate protection against wear under all operating conditions for long component and engine life

Meets the requirements:

- ACEA C3
- API SN (licensed)
- API CF
- BMW Longlife-04
- Fiat 9.55535-S3
- MB 229.52

Approvals:

- General Motors dexos2™
- MB 229.51
- VW 502.00
- VW 505.00
- VW 505.01

Typical Characteristics

Properties	Method	G-Energy Service Line GMO 5W-30
SAE Viscosity Grade	SAE J300	5W-30
Kinematic Viscosity @40°C, mm ² /s	ASTM D445	70,8
Kinematic Viscosity @100°C, mm ² /s	ASTM D445	12,2
Viscosity Index	ASTM D2270	171
Total Base Number, mg KOH/g	ASTM D2896	7,4
Flash Point (COC), °C	ASTM D92	229
Pour Point, °C	ASTM D97	-39
Density @15°C, kg/m ³	ASTM D4052	853

G-Energy Service Line GMO 5W-30 performance benefits compared to ACEA C3



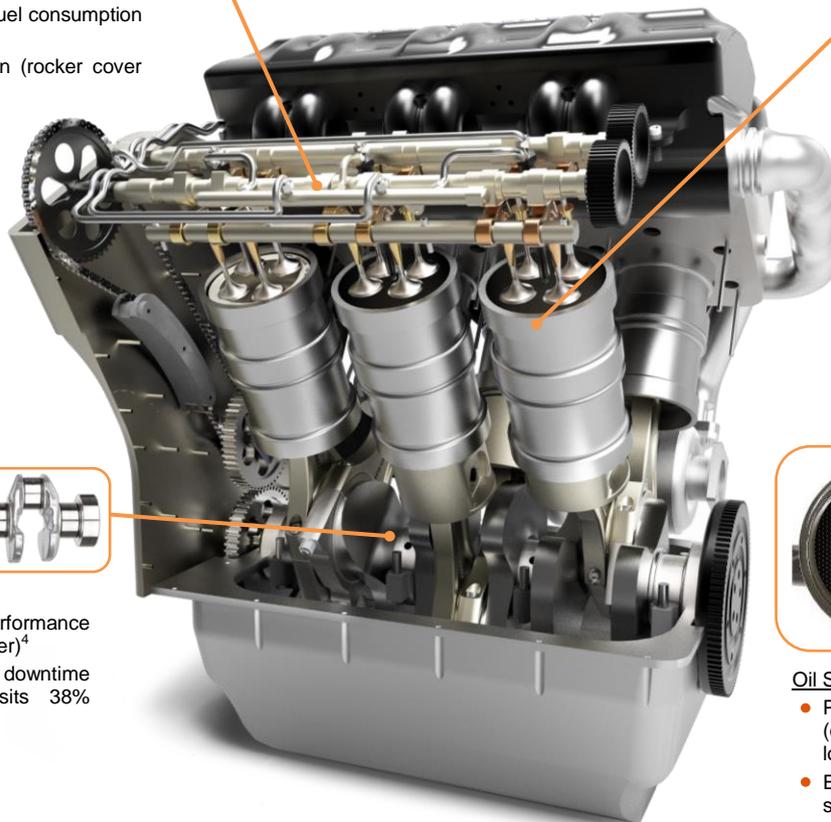
Valve Train

- Optimized power and fuel consumption (cam wear 39% lower)¹
- Lower sludge formation (rocker cover sludge 24% lower)²



Cylinder-piston group

- Maintain engine horsepower (piston cleanliness 67% higher)¹
- Prolong engine life (oxidation stability 3 times higher)³
- Engine protection under severe operation conditions (cylinder wear 2,6 lower)¹



Crankshaft

- Excellent cold-start performance (MRV@-35°C 34% lower)⁴
- Less unanticipated downtime (turbo charger deposits 38% lower)⁵



Oil Screen

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

1- OM646LA; 2-Sequence VG; 3-CEC-L-109-16; 4-CEC L-105; 5-EP6CD

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

CERTIFIED

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G-Energy Service Line GMO 5W-30 recommendations*

Makes	Models	Engines
AUDI	A1, A3, A4, A5, A6, A7, A8, Q1, Q3, Q5, Q7	Gasoline; Diesel before 2004
BMW	GT, Series1, Series3, Series5, Series7, X1,X3, X5, X6	Gasoline and Diesel
CADILLAC	BLS, ATS, CTS, XTS, XLR, ELR, STS, SRX, ESCALADE	Gasoline and Diesel
CHEVROLET	AVEO,CAPTIVA, CRUZE, EPICA, LACETTI, LANOS, NIVA, ORLANDO, REZZO, SPARK, VIVA	Gasoline and Diesel before 2007
CHRYSLER	SEBRING, 300C	Gasoline since 2005 (except 6.4 HEMI V8)
DACIA	SUPERNOVA, SOLENZA, SANDERO, LOGAN, DUSTER, LODGYM DOKKER	Diesel engines with diesel particulate filters
DAEWOO	MATIZ, NEXIA, GENTRA	Gasoline
DAIHATSU	CUORE, MIRA, CHARADE, TREVIS, MOVE, SIRION, YOUNG RV, MATERIA, TERIOS, COPEN	Gasoline
DATSUN	MI-DO, ON-DO	Gasoline
DODGE	CALIBER, AVENGER	Diesel
FIAT	500, DOBLO, 600, SEICENTO, PANDA, PALIO, ALBEA, SIENA, IDEA, PUNTO, LINEA, BARCHETTA, BRAVO, STILO, MAREA, CROMA, SEDICI, QUBO, MULTIPLA, FREEMONT	Gasoline and Diesel before 2012
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
HAIMA	2, 7, FAMILY, FREEMA, M, S	Gasoline
HONDA	JAZZ, CIVIC, FR-V, STREAM, ACCORD, LEGEND, HR-V, CR-V, NSX	Gasoline before 2004 ., Diesel engines with diesel particulate filters
HYUNDAI	ACCENT, ELANTRA, GETZ, I20, I30, I40 IX35, IX55, MATRIX, SANTA FE, SOLARIS, SONATA, TERRACAN, TUCSON, VERNA	Gasoline and Diesel before 2008 r, Diesel engines with diesel particulate filters
INFINITI	G, I, JX, M, Q, EX, FX, QX	Gasoline
JEEP	GRAND CHEROKEE	Diesel
KIA	CARENS, CARNAVAL, CEED, CERATO, MAGENTIS/OPTIMA, PICANTO, RIO, SORENTO, SOUL, SPECTRA/SEPHIA/SHUMA, SPORTAGE, VENGA	Gasoline and Diesel before 2008 Diesel engines with diesel particulate filters
LADA	Все модели	Gasoline
MAZDA	2.3, 323, 5.6, ATENZA, AXELLA, CAPELLA, CX-3, CX-5, CX-7, CX-9, DEMIO, FAMILIA, PREMACY, VERISA	Diesel engines Skyactive
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
MITSUBISHI	AIRTREK, ASX, CARISMA, COLT, DION, GALANT, GRANDIS, L200, LANCER, CEDIA, LIBERO, MIRAGE, OUTLANDER, PAJERO, PININ, SPORT, SPACE STAR	Gasoline before 2009, Diesel since 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 and Diesel with particulate filters
OPEL	ANTARA, ASTRA, CORSA, INSIGNIA, MERIVA, MOKKA, VECTRA, ZAFIRA	Gasoline and Diesel
SAAB	9-2, 9-3, 9-5, 9-7	Gasoline and Diesel
SEAT	MII, AROSA, IBIZA, LEON, CORDOBA, EXEO, TOLEDO, ALTEA, ALHAMBRA	Gasoline engines Diesel engines with pump injector and diesel engines until 2006
SKODA	FABIA, OCTAVIA, RAPID, ROOMSTER, SUPERB, YETI	Gasoline engines Diesel engines with pump injector and diesel engines until 2006
SSANG YONG	ACTYON, CHAIRMAN, KORANDO, KYRON, MUSSO, REXTON, RODIUS	Gasoline and Diesel
SUBARU	IMPREZA, FORESTER, LEGACY, TREZIA, TRIBECA, WRX	Gasoline and Diesel
SUZUKI	ALTO, CELERIO, WAGON, SPLASH, SWIFT, IGNIS, SX4, LIANA, KIZASHI, JIMNY, VITARA, GRAND VITARA	Gasoline and Diesel with particulate filters
UAZ	3151, HUNTER, PATRIOT, PICKUP, CARGO	Gasoline and Diesel
VOLKSWAGEN	AMAROCK, BORA, GOLF, JETTA, PASSAT, POLO, SHARAN, TIGUAN, TOUAREG, TOURAN	Gasoline engines Diesel engines with pump injector and diesel engines until 2006

* 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.