

G-Energy Synthetic Active 5W-30



Engine oil



G-Base synthetic
base oil



All-season,
SAE 5W-30



Gasoline and diesel
engines



Driving comfort



Improved
detergency



G-BASE SYNTHETIC TECHNOLOGY is innovative lubricants production technology uniting modern scientific achievements, unique formulations, advanced production and quality control.

G-Energy Synthetic Active 5W-30 is synthetic G-Base technology all-season engine oil for gasoline and diesel engines. Designed for maximal protection and effective operation of engines in active usage mode, including strong accelerations, city- and highway-style driving.

Application



- Passenger cars, light off-road trucks, SUVs, vans and LCVs.
- Wide range of naturally aspirated and turbocharged gasoline and diesel engines, requiring SAE 5W-30 viscosity class, ACEA A3/B4, API SL/CF and lower tier engine oils.
- Not recommended for DPF (Diesel Particulate Filter)-equipped engines .

Advantages

	High lubricating film stability provides advanced engine protection in active usage mode (city/highway, strong accelerations, traffic jams)
	Engine deposits minimization in high operation temperatures and all working modes
	Maximal engine protection in high engine RPM: short strong accelerations and long high-speed highway driving, both
	Effective fuel combustion products neutralization, even in case of increased fuel consumption due to active driving manner
	Advanced engine deposits control and detergency provides better engine details cleanliness

Approvals

- MB-Approval 229.3
- VW 502 00/505 00
- Renault RN 0700/0710
- AVTOVAZ

Specifications

- ACEA A3/B4
- API SL/CF
- Meets the API SN requirements according to motor and bench tests results

Typical characteristics

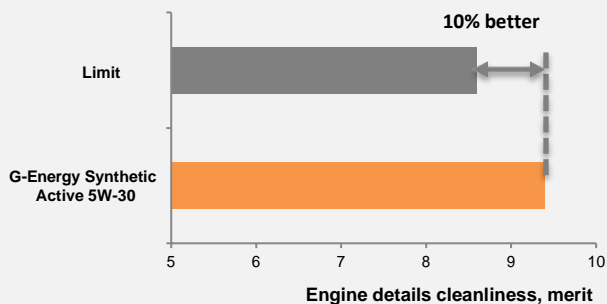
Properties	Value	Method
Kinematic Viscosity, mm ² /s		
at 40 °C	68,5	ASTM D 445
at 100 °C	11,8	ASTM D 445
Viscosity Index	169	ASTM D 2270
Flash Point (COC), °C	221	ASTM D 92
Pour Point, °C	-43	ASTM D 97
Density at 15 °C, kg/m ³	856	ASTM D 4052
Total Base Number, mg KOH/g	11,4	ASTM D 2896

G-Base products advantages



G-Base technology synthetic base oil usage in G-Energy Synthetic product range provides its outstanding properties:

Engine deposits control ¹

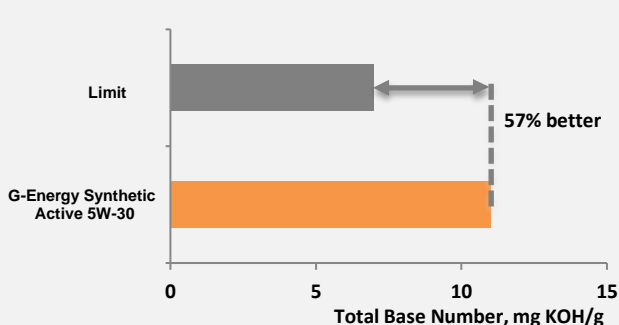


1 – M271 Sludge test



Advanced oxidation stability and detergency of G-Energy Synthetic Active 5W-30 provides oil properties preservation and additional engine details cleanliness even in active vehicle operation mode.

Fuel combustion products neutralization ²



2 – ASTM D2896 test



Extended TBN reserve of G-Energy Synthetic Active 5W-30 minimizes fuel combustion products activity and provides better engine deposits control.

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.

G-Energy Synthetic Active 5W-30 application recommendations

For Your information only. Based on 2020 data. Please, carefully read Your vehicle owner's manual before use.

Maker	Model	Engine type
AUDI	A1, A3, A4, A5, A6, A7, A8, Q1, Q3, Q5, Q7	Gasoline engines up to 2020. Diesel engines up to 2000.
CHEVROLET	AVEO, CAPTIVA, LANOS, NIVA, REZZO, VIVA	Gasoline and diesel engines up to 2006.
CITROEN	C1, C2, C3, C4, C5, C6, C8, DS3, DS4, DS5	Gasoline engines (excl. THP, VTI, PureTech) up to 2020. Diesel engines up to 2005.
DACIA	SUPERNOVA, SOLENZA, SANDERO, LOGAN, DUSTER, LODGYM DOKKER	Gasoline engines up to 2020.
DAEWOO	MATIZ, NEXIA, GENTRA	Gasoline engines up to 2020.
DAIHATSU	CUORE, MIRA, CHARADE, TREVIS, MOVE, SIRION, YOUNG RV, MATERIA, TERIOS, COPEN	Gasoline engines up to 2020.
DATSUN	MI-DO, ON-DO	Gasoline engines up to 2020.
FIAT	500, DOBLO, 600, SEICENTO, PANDA, PALIO, ALBEA, SIENA, IDEA, PUNTO, LINEA, BARCHETTA, BRAVO, STILO, MAREA, CROMA, SEDICI, QUBO, MULTIPLA, FREEMONT	Gasoline and non-DPF diesel engines up to 2010.
GAZ	3102, 31029, 3110, SIBER	Gasoline engines up to 2020.
GEELY	BEAUTY LEOPARD, BORUI, FREE CRUISER, EMGRAND, YUANJIN, VISION, GL EAGLE, HOAQING, LC PANDA, MEIRI ULIOU, KING KONG, JINGYING	Gasoline engines up to 2020.
GREAT WALL	HAVAL, FLORID, VOLEEX, COOLBEAR, HAVAL, TENGYI, HOVER	Gasoline engines up to 2020.
HONDA (European market)	JAZZ, CIVIC, STREAM, ACCORD, LEGEND, HR-V, CR-V, NSX	Gasoline and diesel engines up to 2011
HYUNDAI	ACCENT, ELANTRA, GETZ, I20, I30, I40 IX35, IX55, MATRIX, SANTA FE, SOLARIS, SONATA, TERRACAN, TUCSON, VERNA	Gasoline and non-DPF diesel engines up to 2020.
INFINITI	G, I, JX, M, Q, EX, FX, QX	Gasoline engines up to 2020.
KIA	CARENS, CARNAVAL, CEED, CERATO, MAGENTIS/OPTIMA, PICANTO, RIO, SORENTO, SOUL, SPECTRA/SEPHIA/SHUMA, SPORTAGE, VENGA	Gasoline and non-DPF diesel engines up to 2020.
LADA	All models	Gasoline engines up to 2020.
LIFAN	320, 520, 620, 720	Gasoline engines up to 2020.
MAZDA	2,3, 323, 5,6, ATENZA, AXELLA, CAPELLA, CX-3, CX-5, CX-7, CX-9, DEMIO, FAMILIA, PREMACY, VERISA	Gasoline engines up to 2020. Diesel engines up to 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 non-DPF diesel engines up to 2020.
MITSUBISHI	AIRTREK, ASX, CARISMA, COLT, DION, GALANT, GRANDIS, L200, LANCER, CEDIA, LIBERO, MIRAGE, OUTLANDER, PAJERO, PININ, SPORT, SPACE STAR	Gasoline engines up to 2020. Diesel engines up to 2009.
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 non-DPF diesel engines up to 2020.
OPEL (Assembled in Russia)	ANTARA, ASTRA, CORSA, INSIGNIA, MERIVA, MOKKA, VECTRA, ZAFIRA	Gasoline and diesel engines up to 2020.
RENAULT	CLIO, DUSTER, FLUENCE, LAGUNA, LOGAN, MEGANE, SANDERO, SCENIC, SYMBOL	Gasoline and non-DPF diesel engines up to 2020.
SEAT	MII, AROSA, IBIZA, LEON, CORDOBA, EXEO, TOLEDO, ALTEA, ALHAMBRA	Gasoline engines up to 2020. Diesel engines up to 2000.
SKODA	FABIA, OCTAVIA, RAPID, ROOMSTER, SUPERB, YETI	Gasoline engines up to 2020. Diesel engines up to 2000.
SSANGYONG	ACTYON, CHAIRMAN, KORANDO, KYRON, MUSSO, REXTON, RODIUS	Gasoline and non-DPF diesel engines up to 2020.
SUZUKI	ALTO, CELERIO, WAGON, SPLASH, SWIFT, IGNIS, SX4, LIANA, KIZASHI, JIMNY, VITARA, GRAND VITARA	Gasoline engines up to 2020.
TAGAZ	VEGA, TAGER	Gasoline engines up to 2020.
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	Non-DPF diesel engines up to 2007.
UAZ	3151, HUNTER, PATRIOT, PICKUP, CARGO	Gasoline and diesel engines up to 2020.
VOLKSWAGEN	AMAROCK, BORA, GOLF, JETTA, PASSAT, POLO, SHARAN, TIGUAN, TOUAREG, TOURAN	Gasoline engines up to 2020, Diesel engines up to 2000.

Certified

ISO 9001



ISO 14001



ISO/TS 16949



ISO 45001

