

## G-Energy Synthetic Long Life 10W-40



Engine oil



G-Base synthetic base oil



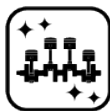
All-season, SAE 10W-40



Gasoline and diesel engines



Wear protection



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 Long Life 10W-40** – is synthetic G-Base technology all-season engine oil for gasoline and diesel engines. Improved wear protection, reduced oil volatility and high detergency of this product provides engine life preservation and extended oil drain intervals in comparison with mineral and semi-synthetic API SL and lower tier products.

### Application



- Passenger cars, light off-road trucks, SUVs, vans and LCVs.
- Wide range of naturally aspirated and turbocharged gasoline and diesel engines, requiring SAE 10W-40, ACEA A3/B4, API SN/CF engine oils.
- Vehicles, requiring API SL/CF and lower level products for higher effectiveness, maximal protection and life preservation of its engines.
- Not recommended for DPF (Diesel Particulate Filter) equipped engines .

### Advantages

	Synthetic product, meets API SN requirements – optimal solution for engines, requiring SAE 10W-40 engine oils (according to OEM recommendations)
	Extended oil drain interval capability when compared with mineral and semi-synthetic API SL products, according to OEM recommendations
	Improved engine cleanliness, effective fuel combustion products neutralization
	Advanced wear protection, lower repair costs
	Better varnish and sludge control, engine life preservation

## Approvals

- MB-Approval 229.3
- Renault 0700/0710
- VW 501 01/505 00
- AVTOVAZ

## Specifications

- ACEA A3/B4
- API SN/CF
- VW 502 00
- Fiat 9.55535-G2
- GM LL-A/B-025
- PSA B71 2300

## Typical characteristics

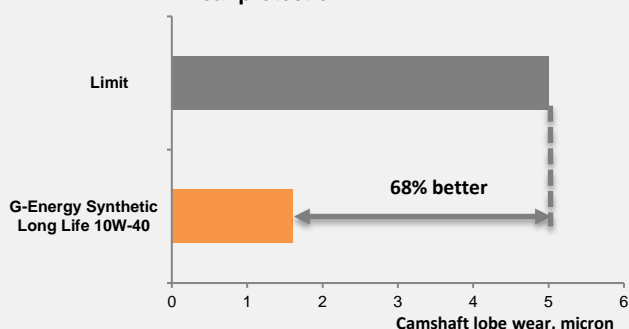
Properties	Value	Method
Kinematic Viscosity, mm <sup>2</sup> /s at 40 °C	96,8	ASTM D 445
at 100 °C	14,5	ASTM D 445
Viscosity Index	155	ASTM D 2270
Flash Point (COC), °C	240	ASTM D 92
Pour Point, °C	-40	ASTM D 97
Density at 15 °C, kg/m <sup>3</sup>	860	ASTM D 4052
Total Base Number, mg KOH/g	11,6	ASTM D 2896

## G-Base products advantages



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

### Wear protection <sup>1</sup>

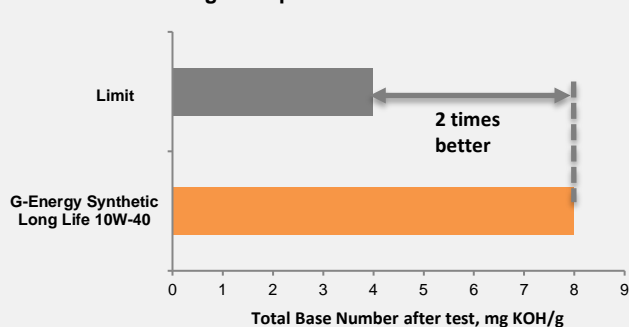


1 – M271 Wear test



Advanced wear protection of G-Energy Synthetic Long Life 10W-40 provides additional protection of engine details, even on high mileage – lower maintenance cost.

### Engine deposits control <sup>2</sup>



2 – VW TDI test



High and stable TBN of G-Energy Synthetic Long Life 10W-40 provides effective fuel products neutralization and advanced 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 Long Life 10W-40 application recommendations

For Your information only. Based on 2020 data. Please, read carefully 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.
CHERY	QQ6, CHANCE, M, TENGO, A, INDIS, E5, ARRIZO, RIICH, J11, TIGGO, BOSS, CROSSEASTAR	Gasoline engines up to 2020.
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 and non-DPF diesel 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, MULTIPLA	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 2014.
GREAT WALL	HAVAL, FLORID, VOLEEX, COOLBEAR, HAVAL, TENGYI, HOVER	Gasoline engines up to 2020.
HONDA	JAZZ, CIVIC, STREAM, ACCORD, LEGEND, HR-V, CR-V, NSX	Gasoline engines up to 2004.
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.
MINI (European market)	AIRTREK, CARISMA, COLT, GALANT, GRANDIS, L200, LANCER, CEDIA, LIBERO, MIRAGE, OUTLANDER, PAJERO, PININ, SPORT, SPACE STAR	Gasoline and diesel engines up to 2009.
NISSAN (European market)	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.
PEUGEOT	206, 207, 3008, 307, 308, 406, 407, 408, 508	Gasoline engines (excl. THP, VTI, PureTech) up to 2020, Diesel engines up to 2009.
PORSCHE	911, BOXSTER, CAYMAN, CAYENNE, PANAMERA, MACAN	Gasoline engines up to 2020.
RENAULT	CLIO, DUSTER, FLUENCE, LAGUNA, LOGAN, MEGANE, SANDERO, SCENIC, SYMBOL	Gasoline and non-DPF diesel engines up to 2020.
SEAT	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.
SSANG YONG	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 2015
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

