

G-Energy Synthetic Active 5W-40



Engine oil



G-Base synthetic
base oil



All-season,
SAE 5W-40



Gasoline and diesel
engines



Active driving



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-40 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-40 viscosity class, ACEA A3/B4, API SN/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

Specifications

- ACEA A3/B4
- API SN, API CF
- MB 229.3
- VW 502 00/ 505 00
- Porsche A40
- BMW Longlife-01 (< 2019 m.y)
- Renault RN700/ RN710
- AVTOVAZ

Typical characteristics

Properties	Value	Method
Viscosity Grade	5W-40	SAE J300
Kinematic Viscosity, mm ² /s at 40 °C at 100 °C	91,2 14,9	ASTM D 445 ASTM D 445
Viscosity Index	173	ASTM D 2270
Flash Point (COC), °C	236	ASTM D 92
Pour Point, °C	-43	ASTM D 97
Density at 15 °C, kg/m ³	854	ASTM D 4052
Total Base Number, mg KOH/g	11,7	ASTM D 2896

Certified

ISO 9001



ISO 14001



ISO 45001

