

G-Energy F Synth 0W-40



Engine oil



PAO Based



Multigrade,
SAE 0W-40



Reduced oil
consumption due to
low volatility



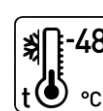
For gasoline and
diesel engines



Empowered
protection of
turbocharged
engines



High engine
cleanliness



Easy cold start and
instant protection

G-Energy F Synth 0W-40 is a fully synthetic engine oil based on polyalphaolefins with the addition of synthetic base oils G-Base. It is designed for maximum protection of highly-loaded gasoline and diesel engines operating in a wide range of temperatures and operating conditions. Due to the presence of PAO in the content, it has high thermal-oxidative stability and excellent low-temperature properties.

Application



- For passenger cars, SUVs, vans and light trucks of European and other manufacturers
- Designed for gasoline and diesel engines (with and without turbocharging) of a wide range of vehicles where the performance level of API SP; SN; CF and below, as well as ACEA A3/B4 is required
- Recommended for use in engines of BMW AG, Daimler AG, Volkswagen AG, Alliance Renault-Nissan-Mitsubishi, which have additional requirements for engine oils (according to the indicated specifications)

Advantages

G-Energy F Synth 0W-40 adaptive technology with the use of synthetic base ensures efficient operation of the engine in all operating modes: in cold start, in city mode, in highway mode and in enforced engines:

	Reliable engine start, even in extreme cold due to high oil pumping ability at sub-zero temperatures
	Reliable engine protection at high temperatures and active driving style is ensured by maintaining a strong oil film
	Confidence in engine protection with use of variable quality fuels, due to the base number reserve
	Excellent resistance to fuel dilution and reliably protects engine parts from wear under severe operating conditions
	Keeps engine parts clean by preventing the formation of deposits and high detergent properties

Specifications

- API SP; API SN; API CF
- ACEA A3/B4
- MB 229.5/229.3/226.5
- VW 502.00/ 505.00
- Renault RN 0700/ 0710
- BMW Longlife-01 (< 2019 m.y.)
- Porsche A40

Typical physical and chemical characteristics

Parameters	Value	Method
Kinematic viscosity, mm ² /s at 40 °C at 100 °C	80,7 14,1	ASTM D 445 ASTM D 445
Viscosity Index	182	ASTM D 2270
Dynamic viscosity (MRV) at -40 °C, mPa*s	27746	ASTM D 4684
Flash point (COC), °C	237	ASTM D 92
Pour point, °C	-54	ASTM D 97
Density at 15 °C, kg/m ³	843	ASTM D 1298
Base number, mg KOH/g	11,1	ASTM D 2896

The company's management system is certified in accordance with the international standards

ISO 9001



ISO 14001



ISO 45001

