

G-Energy Synthetic Super Start 5W-40



Engine oil



G-Base Synthetic base oil



All-season, SAE 5W-40



Gasoline and diesel engines



Diesel Particulate Filters



Easy engine start-up



Improved engine cleanliness



High oxidation stability



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






G-Energy Synthetic Super Start 5W-40 is synthetic G-Base technology low ash engine oil with improved low-temperature performance. Designed for gasoline and diesel engines, compatible with modern after-treatment systems (DPF – Diesel Particulate Filter, TWC – Three-Way Catalyst). Product provides easy engine startup and additional protection in wide temperature range, including operation at low ambient temperatures

Application



- Passenger cars, light SUVs, vans and light-duty trucks
- Gasoline and diesel engines (both turbocharged and non-turbocharged) in a wide range of vehicles where SAE 5W-40 viscosity and ACEA C3, API SP or lower performance level required
- Vehicles operating in climate conditions with wide temperature range.
- Recommended for use in car engines equipped with modern exhaust after-treatment systems, including diesel particulate filters (DPF) and catalysts (TWC).

Advantages

	Easy engine startup in any climatic conditions, including low ambient temperatures
	Improved sludge control during engine warmup
	Engine start-up wear minimization, including start-stop system operation
	Smooth and silent engine operation during whole work cycle – from startup to shutdown
	Reduced-SAPS additive technology provides compatibility with modern after-treatment systems (DPF – Diesel Particulate Filters, TWC –Three-Way Catalysts)

Specifications

- ACEA C3
- API SP
- VW 505 00/505 01
- Porsche A40
- MB 229.52, 229.51, 229.31
- BMW Longlife-04 (< 2019 m.y)
- Ford WSS-M2C917-A
- Fiat 9.55535-S2

Typical characteristics

Properties	Value	Method
Viscosity Grade	5W-40	SAE J300
Kinematic Viscosity, mm ² /s at 40 °C	92	ASTM D 445
at 100 °C	14,7	ASTM D 445
Viscosity Index	168	ASTM D 2270
Flash Point (COC), °C	230	ASTM D 92
Pour Point, °C	-40	ASTM D 97
Density at 15 °C, kg/m ³	855	ASTM D 4052
Total Base Number, mg KOH/g	9,8	ASTM D 2896

Certified

ISO 9001



ISO 14001



ISO 45001

