

G-Energy Synthetic Super Start 5W-40



Engine oil



G-Base synthetic base oils



Multigrade, SAE 5W-40



For gasoline and diesel engines



Compatibility with Diesel particulate filters



Reliable engine start-up



High engine cleanliness



Maximum 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, low-ash, G-Base technology engine oil with improved low-temperature performance. Designed for gasoline and diesel engines, compatible with modern aftertreatment 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 off-road trucks, SUVs, vans and LCVs
- Wide range of naturally aspirated and turbocharged gasoline and diesel engines, requiring SAE 5W-40, ACEA C3, API SP and lower tier engine oils.
- Vehicles operating in climate with big ambient temperatures variations.
- Can be used in Diesel Particulate Filter (DPF) and Three-Way Catalyst (TWC) equipped engines.

Advantages

	Easy engine startup in any climatic conditions, including low ambient temperatures
	Improved sludge control during engine warmup
	Engine start-up negative consequences prevention
	Smooth and silent engine operation during whole work cycle – from startup to shutdown
	Compatible with exhaust gas reduction systems due to reduced ash emissions

Specifications

- ACEA C3
- API SP
- VW 505 00/505 01
- MB 229.52, 229.51, 229.31
- dexos2
- Ford WSS-M2C917-A
- Fiat 9.55535-S2
- BMW Longlife-04 (< 2019 m.y)

Typical physical and chemical characteristics

Parameters	Value	Method
Viscosity Grade	5W-40	SAE J300
Kinematic Viscosity, mm ² /s: at 40 °C at 100 °C	92 14,7	ASTM D 445 ASTM D 445
Viscosity Index	173	ASTM D 2270
Flash Point (COC), °C	235	ASTM D 92
Pour Point, °C	-41	ASTM D 97
Density at 15 °C, kg/m ³	852	ASTM D 4052
Total Base Number, mg KOH/g	8,0	ASTM D 2896

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

ISO 9001



ISO 14001



ISO 45001

