



PETROMIN A1 Super Synthetic Hybrid 5W-20 is an advanced next-generation gasoline engine oil. It is engineered to exceed the latest API SP and ILSAC GF-6A gasoline specifications. This product is specially designed for hybrid gasoline powertrains from micro-hybrid to strong and full hybrid. It also covers the challenging requirements of the latest Gasoline Direct Injection (GDI) engines.

Benefits

- Shields internal engine parts by offering unparalleled protection against soot, varnish, and other deposits.
- Provides easy cold starts and ideal lubrication at elevated temperatures.
- The state-of-the-art technology used ensures lower oil consumption and a longer drain period.
- Synthetic base oil technology provides unmatched fuel economy.
- Compatible for use in engines fitted with exhaust emission control systems.
- Protection against low-speed pre-ignition (LSPI) events seen in GDI engines.

Meets/Exceeds

- Ford WSS-M2C960-A
- Ford WSS-M2C945-B1
- Chrysler MS6395
- API SN

Approvals

- API SP
- API SP-RC
- ILSAC GF-6A
- API SN Plus

Applications

- Recommended for all cars and light vehicles that use hybrid gasoline powertrains such as micro-hybrid, mild-hybrid, strong-hybrid, and full-hybrid.
- Ideal for all turbocharged and multi-valved gasoline engines.
- Recommended for all global gasoline engine and vehicle manufacturers including American, European, and Japanese OEMs.
- Suitable for use in all gasoline engines requiring API SP or lower performance.

Product Characteristics

Properties	Test Method	Unit	SAE 5W-20
Density @ 15 °C	ASTM D4052	kg/L	0.8478
Kinematic Viscosity @ 40 °C	ASTM D445	cSt	45.43
Kinematic Viscosity @ 100 °C	ASTM D445	cSt	8.68
Viscosity Index	ASTM D2270	-	173
Flash Point, COC	ASTM D92	°C	230
Pour Point	ASTM D97	°C	-42
<i>Product Code</i>			117000

- * Information, test methods, figures are typical and conform to specification; minor variation may occur.
- * Refer Owner's Manual for the manufacturer's recommended performance level, viscosity grade and builder approval requirements.
- * Please refer to the product Safety Data Sheet (SDS) for health, safety, and handling information.

