

# PETROMIN A1 Super Synthetic 0W-40 SP



PETROMIN A1 Super Synthetic 0W-40 SP is the most advanced fully synthetic next-generation gasoline engine oil designed to exceed the latest API SP performance requirement. This product is designed for modern and futuristic high-performance gasoline engines equipped with emission control devices, as well as those with hybrid powertrains.

## Benefits

- Delivers superb cold-start protection, significantly reducing engine wear during start-up.
- Provides superior engine wear protection under extreme conditions and temperatures.
- Compatible with exhaust emission control systems such as GPF (Gasoline Particulate Filters), and SCR (Selective Catalytic Reducer).
- Protects against low-speed pre-ignition (LSPI) events in GDI engines.

## Meets/Exceeds

- API SP
- API SN Plus
- API SN

## Applications

- Recommended for gasoline passenger vehicles requiring exceptional performance such as sports, and rallies.
- Ideal for modern gasoline passenger car engines are fitted with emission control devices.
- Recommended for all global gasoline engine and vehicle manufacturers, including Asian, American, and European OEMs.

## Product Characteristics

Properties	Test Method	Unit	SAE 0W-40
Density @ 15 °C	ASTM D4052	kg/L	0.8432
Kinematic Viscosity @ 40 °C	ASTM D445	cSt	86.4
Kinematic Viscosity @ 100 °C	ASTM D445	cSt	14.95
Viscosity Index	ASTM D2270	-	183
Flash Point, COC	ASTM D92	°C	230
Pour Point	ASTM D97	°C	-42
Total Base Number	ASTM D2896	mg KOH/g	8.6
<i>Product Code</i>			<i>392000</i>

- \* Information, test methods, figures are typical and conform to specification; minor variation may occur.
- \* Refer to 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.

