



PETROMIN A1 Ultra Performance SP C2/C3 5W-30 is a next-generation synthetic engine oil designed for modern gasoline and light-duty diesel engines. Engineered with advanced low-SAPS technology, it reduces adverse effects on emission control systems, and resists LSPI (Low-Speed Pre-Ignition). Its optimized formulation provides excellent wear protection, oxidation stability, and deposit control, while ensuring fuel efficiency, rapid cold-start performance, and reliable lubrication under extreme conditions.

Benefits

- Delivers rapid cold-start protection for immediate lubrication and reduced wear.
- Protects emission systems such as DPF (Diesel Particulate Filters), GPF (Gasoline Particulate Filters), and SCR (Selective Catalytic Reducer).
- Ensures thermal and oxidative stability under severe operating conditions.
- Reduced LSPI (Low speed pre-ignition) in TGDI (Turbocharged Gasoline Direct Injection) engines for smooth, reliable operation.

Meets/Exceeds

- API SP
- ACEA C2/C3
- MB 229.31

Applications

- Recommended for modern gasoline and light-duty diesel engines requiring low-SAPS engine oil.
- Suitable for vehicles equipped with after-treatment systems such as DPF, GPF, and SCR.
- Compatible with passenger cars, SUVs, and light commercial vehicles requiring API SP and ACEA C2/C3 or lower specifications.

Product Characteristics

Properties	Test Method	Unit	SAE 5W-30
Density @ 15 °C	ASTM D4052	kg/L	0.8502
Kinematic Viscosity @ 40 °C	ASTM D445	cSt	70.3
Kinematic Viscosity @ 100 °C	ASTM D445	cSt	11.8
Viscosity Index	ASTM D2270	-	164
Flash Point, COC	ASTM D92	°C	236
Pour Point	ASTM D97	°C	-39
Total Base Number	ASTM D2896	mg KOH/g	8.2
<i>Product Code</i>			<i>118600</i>

- * 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.

