

5W-40

Description and Applications

5W-40 is a synthetic technology lubricant, designed for passenger cars using direct injection turbocharged gasoline engines and diesel engines without diesel particulate filters where manufacturer recommends API SP, ACEA A3/B4 specifications

It is also suitable for SUVs and vehicles, running on biofuels and equipped with emission control devices such as catalytic converters, fuel injectors, multi-valves or turbochargers.

Specifications and Recommendations

Specifications:

- ACEA A3/B4
- API SP

Meet requirements:

- MB 229.5
- VW 502.00/505.00
- BMW LL-01

Note: Always consult your owner's manual to check for recommended viscosity grade and specifications for your specific vehicle

Typical Physical Data

Parameters	Method	Unit	Typical Value
Appearance	-	-	Bright & Clear
Density @15°C	ASTM D 4052	g/cm ³	0.855
Kinematic Viscosity @100°C	ASTM D 445	mm ² /s (cSt)	14.7
Viscosity Index	ASTM D 2270	-	160
Pour Point	ASTM D 97	°C	-36
Flash Point COC	ASTM D 92	°C	230
TBN	ASTM D2896	mg KOH/g	10
Foam At 24°C	ASTM D892	cc/s	Traces/0

All technical data are provided for reference only. These characteristics are typical of current production. Whilst future production will conform to PLI's specification, variations in these characteristics may occur.