

5W-30 SN

Modern driving conditions such as stop-start driving, idling in traffic jams, acceleration on highways, driving up steep hills and many more put engines under a lot of stress that can lead to excessive heat buildup. Excessive engine heat generation is not limited to a particular country or driving pattern; it is a common issue engines face across the globe.

Description and Applications

5W-30 SN is formulated with environmentally friendly lubricant technology to be suitable for maintaining high efficiency of the exhaust gas after treatment systems and fuel economy.

5W-30 SN is especially designed for passenger cars using direct injection turbocharged gasoline engines and diesel engines such as Mercedes Benz (please refer to the owner's manual). It is also suitable for SUVs, light vans and vehicles, running on biofuels and equipped with after treatment exhaust system and emission control devices such as diesel particulate filters and catalytic converters; fuel injectors, multivalves or turbochargers operating under severe conditions.

Benefits

5W-30 SN is engineered to control the damaging heat, providing enhanced performance and protection through:

- Outstanding resistance to high temperature oxidation and oil thickening to provide adequate oil supply to the engine and prevent car breakdown.
- Outstanding sludge prevention capability for gasoline applications to protect engines from seizing up.
- Outstanding soot dispersion capability required for diesel applications.
- Exceptional protection for after treatment exhaust systems.
- Superior fuel economy performance.

Specifications and Recommendations

Specifications:

- API SN
- ACEA C3

Meet requirements:

- MB-approval 229.51
- BMW LL-04
- VW 504.00/507.00
- Porsche C30

Typical Physical Data

Parameters	Method	Unit	Typical Value
Appearance	-	-	Bright & Clear
Density @15°C	ASTM D 4052	g/cm ³	0.851

Kinematic Viscosity @100°C	ASTM D 445	mm ² /s (cSt)	11.60
Viscosity Index	ASTM D 2270	-	171
Flash Point COC	ASTM D 92	°C	228
Sulphated Ash	ASTM D 874	%	0.8
TBN	ASTM D 2896	mgKOH/g	8.8
CCS at -30°C	ASTM D5293	mPa·s	5711
Pour Point	ASTM D97	°C	-45