

Fully Synthetic Multi Grade Gasoline Engine Oil

Groove

SAE 5W20 / 5W30 / 5W40



API-SP

Product Description

API SN plus was developed as a technical upgrade of API SN with respect to low speed pre- ignition (LSPI). Development of Gasoline engines continued with additional requirements in areas such as engine and chain wear performance, corrosion protection, emission system compatibility, oxidation stability, deposit control, protection from sludge and varnish. This has necessitated the development of API SP oils. Goodyear Groove API SP 5W20/5W30/5W40 oils are made of fully synthetic base oils and technologically superior class of additives to provide the highest quality to the user.

Benefits

- Goodyear Groove are fully synthetic multi grade gasoline engine oils.
- They provide outstanding protection to the gasoline engine against harmful engine deposits and provide the greatest protection against oxidation, sludge and varnish.
- The superior detergent technology ensures that ultimate cleanliness of the engine is assured besides providing the best possible fuel economy.
- These oils provide the highest possible anti wear protection to the engine bearings and turbo chargers.
- Sustained performance against low speed pre ignition (LSPI).

Application

The most modern, latest gasoline engines with and without turbo chargers; engines with GDI (Gasoline Direct Injection); engines operating in all climates from low temperatures to high temperatures; SUV's; Pickup trucks; Vans; new and older gasoline engines

Properties

The synthetic technology gives very high thermal stability performance to the oil which leads to very prolonged oil change interval. Easier starting in cold weather, faster oil flow for engine life by protecting surfaces from wear and by helping to neutralize the corrosive combustion.



Typical Characteristics

Groove	5W20	5W30	5W40
API Grade	SP	SP	SP
Specific Gravity @ 15°C	0.8464	0.8479	0.8588
Flash Point, °C	227	238	242
Pour Point, °C	-39	-39	-39
Viscosity at 40°C, cSt	43.2	62	81
Viscosity at 100°C, cSt	8.00	10.80	13.75
Viscosity Index	161	169	175
Total Base No., Min.	7.00	7.00	7.00

PERFORMANCE LEVEL- MEETS
API-SP/SN PLUS /SN/SL/RC
ILSAC GF-6A (0W20)
ILSAC GF-6B (0W16)
CHRYSLER
FIAT
FORDE
GM

Typical physical characteristics of Groove are given in the table. These are intended as a guide to the industry and are not necessarily manufacturing or marketing specifications.

Health & Safety

Detailed health and safety information for this product is provided in a Material Safety Data Sheet which is available upon request from your Goodyear lubricants sales office, or via the Internet on www.goodyearlubricants.me

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