



PETROZAD OPTIMUM GENIUS MB 5W-40 SP

Extra High-Performance Gasoline and Diesel – Fully Synthetic Engine Oil

Product Data Sheet

Product Description

Petrozad Optimum Genius MB 5W-40 SP is formulated with fully synthetic base stocks and advanced technology additive system to provide very high level of engine protection and performance. It is suitable for the latest downsized engines equipped with stop & start technologies requiring an **API SP, SN Plus and SN** specification, where very high viscosity index oils are preferred to provide longer oil drain intervals in modern engines. It provides maximum protection in the latest engine designs operating under severe conditions and protects against the potential for pre-ignition (LSPI) in these engines, including high- performance turbo-charged gasoline direct injection (TGDI) and non TGDI designs, supercharged gasoline and certain diesel multi-valve fuel injected systems.

Features & Benefits

- Excellent fuel economy & easy cold starts due to extreme fluidity at low temperatures.
 - High resistant oil film even at high engine operating temperatures.
 - Excellent detergency and dispersancy, reduces sludge formation which improves engine cleanliness.
 - Excellent oxidation & thermal stability, helps in extending oil drain intervals.
- Outstanding wear protection for greater engine reliability and performance

Specifications

Meets or exceeds following International and Builder specifications:

- | | |
|---------------------------------------|------------------------|
| • API SP, SN Plus, SN, SM, SL, SJ, CF | • BMW Longlife- 01 |
| • ACEA A3/B3, A3/B4-21 | • Renault RN 0710/0700 |
| • VW 501 01/505 00/505.001 | • Porsche A40 |
| • MB 229.5/229.3/226.5 | • Fiat 9.55535.M2 |
| • Opel GM-LL-025-A/B | • PSA B71 2296 |

Application

Petrozad Optimum Genius MB 5W-40 SP is suitable for use in following:

- Latest automotive gasoline and diesel engines (without Diesel Particulate Filters or DPFs).
- Passenger cars, SUVs, light trucks and vans.
- Suitable for all petrol engines with multi-valve & turbo types and with or without catalytic converter.

- Naturally aspirated or turbo-charged diesel engines in cars and light vans.
- Fuel injected or indirect injection diesel engines fitted with blow-by recirculation systems.

Typical Characteristics

Petrozad Optimum Genius MB 5W -40 SP	Test Method	Units	5W-40
Density @ 15 °C	ASTM D 4052	gm/cc	0.850
Viscosity @ 100 °C	ASTM D 445	cSt	14.30
Viscosity @ 40 °C	ASTM D 445	cSt	88.6
Viscosity Index	ASTM D 2270	-	168
Pour Point	ASTM D 97	°C	-39
Flash Point (COC)	ASTM D 92	°C	227
Total Base Number	ASTM D 2896	mg KOH/g	11.2
Phosphorous	ASTM D 4951	% wt	0.1
CCS Viscosity	ASTM D 5293	cP	5800 @ -30 °C

The above figures are typical of blends with normal production tolerance and do not constitute a specification.