



GP

GENERAL PETROLEUM

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Product Data Sheet (PDS)



PETROGENSTANDARD SAE 20W50 API SG/SF/CF

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PETROGEN STANDARD SAE 20W50 API SG/SF/CF



PETROGEN STANDARD 20W50 SG/SF/CF is formulated with high quality base stocks and balanced additive system to provide high level of engine protection and performance. It works harder than other conventional motor oils by continuously preventing dirt and sludge build-up and reduces engine noise. This product meets the requirements of most car manufacturers and is suitable for standard services.

PERFORMANCE STANDARDS:

Petrogen standard 20W50 meet and exceeds the requirements of the following specifications:

- API Service Category SG/SF/CF
- ACEA A2/B2
- MB 227.1
- MIL-L-46152 E
- MIL-L-2104 D
- JASO MB

FEATURES & BENEFITS:

- Good engine cleanliness, due to improved detergency and dispersancy.
- Good wear protection and improved resistance to oxidation.
- Superior protection against viscosity and thermal breakdown.
- Superior sludge protection for greater engine reliability.
- Easier cold starting compared to mono-grade engine oils.

APPLICATIONS:

- Automotive gasoline and diesel engines.
- Passenger cars, SUVs, light trucks and vans.
- Pleasure boats, motorcycles without wet clutch, etc.
- Moderate duty LPG vehicles.
- Naturally aspirated or turbo-charged indirect injection diesel engines.

PETROGEN STANDARD

SAE 20W50 API SG/SF/CF



TECHNICAL DATA

Sr.No	Properties	Test Methods	Results
01	Appearance	VISUAL	Clear
02	Color	ASTM D-1500	L3.0
03	R.D. at 85 ° F	ASTM D-1298/ D-7042	0.8766
04	R.D. at 15 ° C	ASTM D-1298/ D-7042	0.8860
05	Kinematic Viscosity@100C,cSt	ASTM D-445/ D-7042	17.59
06	Kinematic Viscosity@40C,cSt	ASTM D-445/ D-7042	155.22
07	Viscosity Index	ASTM D-2270/D-7042	124
08	Flash Point COC, ° C	ASTM D-92	240
09	Pour Point, ° C	ASTM D-97	-27
10	Water	By CRACKLE	-ve
11	TBN,mgKOH/gm	ASTM D-2896	8.16
12	Ca Content, %	ASTM D-6595	0.299
13	Zn Content, %	ASTM D-6595	0.101
14	CCS @ -15 , mPa·s	ASTM D-5293	8479

Health and Safety:

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application, following the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment. Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.