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Product Data Sheet (PDS)



PETROGEN PREMIUM 20W50 SM

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PETROGEN PREMIUM SAE 20W50 API SM



PETROGEN PREMIUM 20W50 SM is multi grade engine oil that provides superior engine protection suitable for today's multi-valve and conventional engines. Incorporating the latest additive technology, designed for today's conditions, It provides optimum protection against sludge formation, higher temperatures and helps keep the engine clean and free of deposits under high speed high stress motoring conditions.

PETROGEN PREMIUM 20W50 SM provides good wear protection at low temperatures combining easy low temperature engine start up and fast oil circulation at cold start up when the engine is at its most critical.

PERFORMANCE STANDARDS:

PETROGEN 20W50 SM meets and exceeds the requirements of the following specifications:

- API Service Category SM
- ACEA A3/B3-96
- ILSAC GF-4
- JASO MA
- MIL-L-46152E
- MIL-L-2104D

FEATURES & BENEFITS:

- Ultimate engine protection at all driving conditions
- Prolongs engine life
- Exceptional engine cleanliness - protects against engine sludge and varnish deposits
- Resists viscosity and thermal breakdown even in severe service
- Very high shear stability – stay in grade
- Superior cold engine starting – minimize friction and wear at start-up

APPLICATIONS: Recommended for use in all types of passenger cars and latest model high performance cars fitted with emission control devices, fuel injections, multi-valves, turbochargers or superchargers operating under the most extreme conditions. Also suitable for engines requiring API SL, SJ, SH, SG or lower performance level.

PETROGEN PREMIUM

SAE 20W50 API SM



TECHNICAL DATA

Sr.No	Properties	Test Methods	Results
01	Appearance	VISUAL	Clear
02	Color	ASTM D-1500	L2.5
03	R.D. at 85 ° F	ASTM D-1298/ D-7042	0.8560
04	R.D. at 15 ° C	ASTM D-1298/ D-7042	0.8654
05	Kinematic Viscosity@100C,cSt	ASTM D-445/ D-7042	18.15
06	Kinematic Viscosity@40C,cSt	ASTM D-445/ D-7042	147.82
07	Viscosity Index	ASTM D-2270/D-7042	137
08	Flash Point COC, ° C	ASTM D-92	238
09	Pour Point, ° C	ASTM D-97	-30
10	Water	By CRACKLE	-ve
11	TBN,mgKOH/gm	ASTM D-2896	7.96
12	Ca Content, %	ASTM D-6595	0.231
13	Zn Content, %	ASTM D-6595	0.112
14	CCS @ -15 , mPa·s	ASTM D-5293	7405

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.