



Premium SAE 5W-20 Motor Oil

SAMS1 SAE 5W-20 Premium Motor Oil is multi-grade engine oil designed for superior protection even under the toughest driving conditions. It is blended from premium lube base stocks and special high-performance additives that protect your engine from wear, corrosion and performance robbing sludge and varnish deposits. SAMS1 Premium Motor Oil is recommended for use in passenger car, van, sport utility vehicle, light duty truck and other mobile and stationary engines.

SAMS1 SAE 5W-20 Premium Motor Oil meets or exceeds GF-5 and SN Resource Conserving service classifications and is backwards compatible with all earlier classifications. SAMS1 SAE 5W-20 Premium Motor Oil has been field tested to be comparable to American, European and Japanese manufacturers' requirements for: ACEA A1/B1 & A5/B5, Ford WSS-M2C930A and WSS-M2C945A, Chrysler MS 6395, dexos, and GM 6094M as well as many other Ford, Honda, Mazda, Mitsubishi, GM and Chrysler vehicle requirements where a premium SN/GF-5 motor oil is recommended.

Benefits and Applications

- Resource Conserving SN and prior SM, SL, SJ Service Classifications
- GF-5 Service Certification
- Excellent wear, corrosion, and rust protection
- Superior resistance to sludge and varnish deposit formation
- Designed with premium base stocks for added thermal breakdown resistance

Typical Characteristics - Premium SAE 5W-20

SAE GRADE		5W-20
Service Classification		SN/GF-5
API Gravity	ASTM D287	32.5
Flash Point, COC °C/°F	ASTM D92	202/395.6
Pour Point, °C/°F	ASTM D97	-48/-54.4
Viscosity @ 40°C, cSt	ASTM D445	50.2
Viscosity @ 100°C, cSt	ASTM D445	8.7
Viscosity Index	ASTM D2270	151
CCS, mPa-sec, @ °C max	ASTM D5293	6600 @ -30
Phosphorus, wt% max	ASTM D4951	0.08
Total Base No. TBN	ASTM D2896	7.9

Test Method ASTM - Typical test data are average values only. Minor variations, which do not affect performance, may occur.

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