



SAE 5W-20 Full Synthetic Motor Oil

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WARCO Full Synthetic SAE 5W-20 Motor Oil is a superior quality multi-grade motor oil designed with a state-of-the-art low friction additive system for maximum engine protection even under the toughest driving conditions. It outperforms conventional motor oil, reduces friction and wear at start-up and protects your engine against performance robbing sludge and varnish deposits. WARCO Full Synthetic Motor Oil is recommended for turbo-charged and high-powered passenger car, truck, sport utility vehicle and other mobile or stationary engines.

WARCO Full Synthetic SAE 5W-20 Motor Oil meets or exceeds ILSAC GF-5 and American Petroleum Institute (API) Resource Conserving SN PLUS service classifications and is compatible with all prior API categories. WARCO Full Synthetic SAE 5W-20 Motor Oil has been field tested to be comparable to most American, Asian and European manufacturers' standards including ACEA A1/B1 & A3/B4, GM 6094M, Chrysler MS6395, Ford WSS-M2C945A, and many other OEM's specifications where a full synthetic API SN motor oil is recommended.

Benefits and Applications

- Lower pour point reduces start-up wear during cold weather
- Enhanced oxidative stability, emission system and wear protection
- Full synthetic oil helps to improve fuel economy
- Superior resistance to sludge and varnish deposit formation

Typical Characteristic 5W-20 Full Synthetic Motor Oil

SAE GRADE	Full Syn	5W-20
API SERVICE		SN PLUS/GF-5
API Gravity	ASTM D4052-11	35.68
Flash Point, COC °C/°F	ASTM D92	237 / 458.6
Pour Point, °C/°F	ASTM D97	-49 / -56.20
Viscosity @ 40°C, cSt	ASTM D445	46.21
Viscosity @ 100°C, cSt	ASTM D445	8.39
Viscosity Index	ASTM D2270	159
CCS, mPa-sec °C max	ASTM D5293	6600 @ -30
Total Base No. TBN	ASTM D2896	7.4

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

API SN PLUS ILSAC GF-5

ACEA A1/B1 & A3/B4,
GM 6094M, Chrysler MS6395,
Ford WSS-M2C945A



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HANDLING AND SAFETY INFORMATION - Refer to WARCO (MSDS) Material Safety Data Sheets for proper handling and safety information. Use the same care and handling as for any petroleum product. Nothing herein shall be deemed to constitute a warranty, express or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.