



PureSYN Motor Oils

PureSYN Motor Oils are 100% synthetic engine oils recommended for use in high-performance, turbocharged, supercharged, or naturally aspirated gasoline engines in passenger cars, light trucks, vans and sport utility vehicles. PureSYN 0W-20 & 5W-30 Motor Oils are GM dexos1 licensed and exceeds GF-5/SN PLUS oils in wear control, cleanliness, piston deposits, shear stability, oxidation control, and seal and emission systems compatibility.

PureSYN Motor Oils are formulated with state-of-the-art additive technology to offer ultimate engine protection and peak performance under all types of driving conditions. Available in SAE grades 0W-20, 5W-20, 5W-30 and 10W-30. Meets and exceeds new car warranty requirements as defined by ILSAC GF-5 standards, the API Resource Conserving SN PLUS classification, and GM dexos1 (0W-20 & 5W-30).

APPLICATIONS

PureSYN Motor Oils are recommended for gasoline engines used in passenger cars, light trucks, sports-utility vehicles, powerboats, and additional applications calling for an API SN PLUS or previous API "S" category oil is recommended.

FEATURES & BENEFITS

- Ultimate wear protection
- Highest established level of fuel economy
- Protection from varnish, deposits, and sludge caused by stop-and-go driving
- Resistance to viscosity and high-temperature thermal breakdown
- Excellent low-temperature pumpability for reliable cool starts
- Extended drain intervals and complete Flex Fuel compatibility
- Superior protection against Low Speed Pre-Ignition (LSPI)

RECOMMENDED PERFORMANCE SPECIFICATIONS

PureSYN Motor Oils meet or exceed the performance requirements of virtually all vehicles operating in North America including: Toyota, General Motors, Volkswagen, Ford, Hyundai, Honda, Nissan, BMW, Chrysler, Mazda, Mitsubishi, etc.

- ILSAC GF-5
- API Resource Conserving SN PLUS and all previous "S" categories
- Chrysler MS 6395
- Ford WSS-M2C945-A (SAE 5W-20), WSS-M2C94556-A (SAE 5W-30)
- General Motors dexos1 SAE 5W-30 (License no. RR1B0208036) & SAE 0W-20 (RR1F0512036), supersedes GM 6094M and GM 4718

PureSYN Motor Oils Typical Inspection Tests

SAE GRADE	ASTM-D	0W-20	5W-20	5W-30	10W-30
Gravity	1298	34	33	32	32
dexos1		√		√	
Flash Point, COC °C/°F	92	222/431	232/450	235/455	232/450
Pour Point, °C/°F	97	-38/-36	-38/-36	-38/-36	-38/-36
Viscosity cSt @ 40°C	445	38.0	44.5	56.0	68.0
Viscosity cSt @ 100°C	445	7.1	8.2	10.2	10.5
CCS Viscosity (mPa.s)	5293	5500@-35C	5100@-30C	<4300@-30C	<4300@-25C
Noack Volatility (%wt)	5800	<15	<15	<15	<15
Viscosity Index	2270	165	160	176	160

Minor variations in test data are to be expected in normal manufacturing