

Product Information



Synthetic Blend GF-5/SN Passenger Car Engine Oil

*Improved Performance for Engine Protection and Fuel Economy
API Service Fill SN and GF-5 In Appropriate Grades
State-Of-The-Art Passenger Car Engine Oils*

DESCRIPTION

Syngard™ Synthetic Blend Engine Oils are designed to give the ultimate in engine protection for all passenger cars, SUV's and light trucks manufactured or sold in North America. These oils use state-of-the-art additives blended with full synthetic and hydrocracked basestocks to meet the highest requirements of the API and all OEM's for warranty coverage and engine protection under severe conditions.

When used according to manufacturers recommendations, these oils are fully certified for oil change intervals of 5000 or more miles. Extended drain intervals are determined by type of driving and may be 7,500 miles or more in certain conditions. Synthetic and hydrocracked base oils offer maximum resistance to high temperature oxidation and exceptional low temperature performance. Syngard™ oils will stay in grade for extended periods, even under extreme operating conditions.

Syngard™ oils meet all 2011 OEM warranty requirements and may be used in any vehicle sold in North America where API SN, SM, SI, SJ, CF or earlier designations are recommended. These oils are API approved and licensed. All grades meeting demanding global ILSAC GF-5 requirements for volatility and oxidation resistance.

APPLICATION

- All passenger cars, light trucks and SUV's sold in North America
- Police and other municipal fleets where maximum mileage and minimum maintenance is desired
- Individual car owners seeking higher levels of engine protection than conventional oils

BENEFITS

- Improved engine robustness and cleanliness
- Improved fuel economy and fuel economy retention
- Extended emission control and catalyst protection
- Full synthetic engine protection under extreme cold or hot temperatures
- Added oil emulsion specification for E85 vehicle protection
- Outstanding low temperature flow properties for startup and cold weather use
- Outstanding energy conserving properties for highest mileage
- Outstanding anti-wear, oxidation control and friction control.

PERFORMANCE LEVELS

API	SN, SM, SH / CF and all earlier passenger car designation
ILSAC	GF-5 in all grades
Energy Conserving	All grades



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Product Information

TYPICAL PROPERTIES	METHOD	5W-20	5W-30	10W-30	10W-40
API Gravity	D 4052	32.5	32.9	34.0	32.2
Viscosity cSt @ 40°C	D 445	55.4	67.2	60.3	87.3
Viscosity cSt @ 100°C	D 445	9.1	11.1	9.8	13.8
Viscosity Index	D 2270	146	157	147	162
Cold Crank Simulation (cP)	D5293				
	@ -30°C	4685	4953	-	-
	@ -25°C	-	-	5974	5680
NAOCK Volatility (%)	D 5800	8.3	9.1	12.5	11.5
Neutralization Number (TBN)	D 2896	6.5	6.6	6.6	6.4
Pour Point °C	D 97	-41	-40	-35	-32
Flash Point, COC °C	D 92	228	222	226	222

The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice.

Health And Safety Information See separate Material Safety Data Sheets available on request.



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