

Product Information



Full Synthetic Passenger Engine Oils

API SN and GF-5 in All Grades
State-of-the-Art Passenger Car Engine Oils
Full Synthetic 5W-30 Licensed General Motors dexos1™

DESCRIPTION

SynGard® Full Synthetic 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 and fully synthetic basestocks to meet the highest requirements of the API and all OEMs for warranty coverage and engine protection.

When used according to manufacturers recommendations, these oils are fully certified for oil change intervals of 7500 or more miles. Extended drain intervals are determined by type of driving and may be 10,000 miles or more in certain conditions. Fully synthetic base oils offer maximum resistance to high temperature oxidation and exceptional low temperature performance.

SynGard® Full Synthetic Engine Oils will stay in grade for extended periods, even under extreme operating conditions. **SynGard® Oils** meet all OEM warranty requirements and may be used in any vehicle sold in North America where API SN, SM, SL, SJ, CF or earlier designations are recommended. These oils are API approved and licensed. All grades meeting demanding ILSAC GF-5 requirements for volatility and oxidation resistance.

SynGard® Full Synthetic 5W-30 Engine Oil is approved and licensed by General Motors® for service fill under dexos1™ specifications.

APPLICATION

- All passenger cars, light trucks and suv's sold in North America
- Municipal fleets where maximum mileage and minimum maintenance is desired
- High performance engines including supercharged and turbocharged applications
- Individual car owners seeking the highest possible level of engine protection

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.



CROSS PACKAGING DIVISION

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Product Information

PERFORMANCE LEVELS	API	SN, SM, SL, SH / CF and all earlier passenger car designations
	ILSAC	GF-5 in all grades
	Energy Conserving	All grades
	General Motors	RB1B0216038 5W-30 with dexos1™ - service fill

TYPICAL PROPERTIES	METHOD	0W-20	0W-30	5W-20	5W-30	10W-30
API Service Rating	D4052	GF-5 SN/EC	GF-5 SN/EC	GF-5 SN/EC	GF-5 SN/EC	GF-5 SN/EC
API Gravity	D 1298	35.1	35.3	34.6	34.3	33.9
Viscosity, cSt at 40°C	D 445	38.5	45.2	48.3	52.4	58.4
Viscosity, cSt at 100°C	D 445	8.8	10.4	8.9	10.9	11.6
Viscosity Index		220	228	167	206	198
Cold Crank Simulator, cP						
-35°C	D5293	5980	4460	-	-	-
-30°C	D5293	-	-	4650	5170	-
-25°C	D5293	-	-	-	-	3574
Noack Volatility %	D5800	12.6	12.8	9.9	10.6	9.1
Neutralization No. (TBN)	D2896	6.9	6.9	7.2	7.2	7.4
Flash Point, °C	D92	220	216	218	218	224
Pour Point, °C	D 97	-39	-39	-39	-38	-38

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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