



# SYNTHETIC BLEND ENGINE OIL

Formulated with SynGard Technology  
Improved Performance for Engine Protection



PCMO

REV: 06.13.2018



## DESCRIPTION

Xtreme™ Synthetic Blend Engine Oils are designed to give excellent engine protection for 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 requirements of the API and many OEM's for warranty coverage and engine protection under severe conditions. When used according to manufacturers recommendations, these oils have typical 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.

Xtreme Synthetic Blend Engine Oils may be used in any vehicle sold in North America where API SN, SM, or earlier designations are recommended. These oils are API approved and licensed. All grades meet demanding global ILSAC GF-5 requirements for volatility and oxidation resistance.

## BENEFITS

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

## APPLICATION

- Many passenger cars, light trucks, SUVs sold in North America
- Taxi, 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

## PERFORMANCE

### License & Approvals

- API SN, SM, SL, and all earlier designations
- ILSAC GF-5 in all grades
- ACEA 5W-XX - A1, A5/B1, B5; 10W-XX A1, A5/B1, B5
- Resource Conserving in all grades

TYPICAL PROPERTIES	METHOD	5W-20	5W-30	10W-30
API Gravity	D-4052	33.5	33.4	34.7
Viscosity, cSt at 40°C	D-0445	50.2	62.7	73.8
Viscosity, cSt at 100°C	D-0445	8.4	10.5	11
Viscosity Index	D-2270	143	156	139
Cold Crank Simulation	D-5293			
@-30C		5,500	5,800	-
@-25C		-	-	6,200
MR-V Low Temp. Pumpin	D-4684			
@-35		15,500	19,200	-
@-30C		-	-	16,000
High Temp/High Shear	D-4683	2.6	3.1	3.1
NOACK Volatility, wt. %	D-5800	12.9	11.8	11.0
Neutralization Number (TBN)	D-2896	6.7	6.7	6.8
Flash Point, COC °C (°F)	D-0092	228 (442)	226 (439)	230 (446)
Pour Point, °C (°F)	D-0097	-47 (-53)	-46 (-51)	-40 (-40)
ML Reference No.		583453	583103	587542



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**NOTE:**

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. For additional qualifications, please contact Martin Technical Service Department.

This engine oil's service level is in accordance with the latest version of SAE J300 Engine Oil Viscosity Classification and SAE J183 Engine Oil Performance and Engine Service Classification.

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

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