

# FS Engine Guard Full Synthetic SAE 0W-20, 5W-20 & 5W-30

## Description

FS Engine Guard Full Synthetic premium motor oil is formulated with full synthetic base oil, a shear-stable viscosity index improver and is engineered with an advanced detergent and dispersant package to provide excellent engine cleanliness along with protection against low speed pre-ignition (LSPI). Its full synthetic base oil provides advanced thermal stability, improved oxidation resistance, adequate oil film protection at high temperatures and enhanced cold-temperature performance. FS Engine Guard Full Synthetic premium motor oil also contains anti-wear and friction modifiers, foam suppressants, corrosion inhibitors, and a robust anti-oxidant package, offering all-around protection and durability.

## Features

- Displays the API “starburst” symbol, indicating it is certified for use in gasoline engines
- Passes all current industry-standard gasoline engine tests
- Provides protection against low speed pre-ignition (LSPI), which is a phenomenon that can lead to pre-ignition knock that can occur in turbocharged engines and gasoline direct injected engines
- General Motors (GM) dexos1 Gen 2 licensed
- Features a robust detergent package for excellent engine cleanliness
- Provides excellent anti-wear protection of critical engine parts
- Features a high viscosity index that ensures easy cold starting and protective films that reduce viscosity breakdown
- Provides a high level of dispersancy that protects against sludge, engine rust, and corrosion under severe operating conditions
- Low volatility formulation engineered for reduced oil consumption and protection of emission-control system catalyst
- Designed for today’s gasoline engines that operate at higher temperatures
- Not formulated for use in heavy-duty turbocharged diesel engines; use FS Suprex Gold ESP for those applications

Always refer to the owner’s manual for recommendation on lubricant.

## Meets or Exceeds:

- API SN Plus, SN, SM, SL, SJ, SH
- Resource Conserving
- ILSAC GF-5, GF-4, and prior
- General Motors (GM) dexos1 Gen 2 licensed
- Ford WSS M2C947-B1 (0W-20), WSS M2C945-B1 (5W-20), WSS M2C946-B1 (5W-30)
- Meets the performance requirements of Chrysler MS-6395
- Meets the service fill requirements of JAMA member OEMs

## Product Availability

### FS Engine Guard Full Synthetic SAE 5W-20

12 x 1 qt.	Item #269875
55-gal. Drum	Item #266990
265-gal. Totes	Item #266980
Bulk	Item #266992

### FS Engine Guard Full Synthetic SAE 5W-30

12 x 1 qt.	Item #245019
5 Gal. Pail	Item #244064
55-gal. Drum	Item #242877
265-gal. Totes	Item #242878
Bulk	Item #242876

### FS Engine Guard Full Synthetic SAE 0W-20

12 x 1 qt.	Item #270240
55-gal. Drum	Item #269293
265-gal. Totes	Item #234744
Bulk	Item #268404



## Typical Properties

Test / Description	Specification	Specification	Specification
<b>SAE Grade</b>	<b>5W-30</b>	<b>5W-20</b>	<b>0W-20</b>
<b>Viscosity @ 100°C (cSt)</b>	10.0	8.5	8.5
<b>Viscosity @ 40°C (cSt)</b>	58.0	49.2	49.2
<b>Viscosity Index</b>	160	150	150
<b>Density (lb/gal)</b>	7.11	7.11	7.09
<b>CCS Viscosity (cP)</b>	5,500	4,500	6,000
<b>Pour Point (°C)</b>	-36	-36	-39
<b>Pour Point (°F)</b>	-33	-33	-38
<b>Flash Point (°C)</b>	220	220	215
<b>Flash Point (°F)</b>	428	428	419