

# 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 antioxidant package, offering all-around protection and durability. It offers improved protection against timing chain wear and better prevention of turbocharger deposits in newer gasoline engines while also protecting older engines, as well.

## Features and Benefits:

- Displays the API “starburst” symbol, indicating it is certified for use in gasoline engines
- Meets, and in some cases, exceeds API SP Resource Conserving and ILSAC GF-6 specification requirements
- General Motors (GM) dexos1 Gen 3 licensed (0W20 & 5W30)
- 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, gasoline direct-injected engines
- Offers improved protection against timing chain wear and turbocharger deposit build-up in newer gasoline engines
- Features better oxidation stability, improved piston cleanliness and better wear control
- 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 owner’s manual for recommendation on lubricant.

## Meets or Exceeds:

- API SP, SN Plus, SN, SM, SL, SJ, SH
- Resource Conserving
- ILSAC GF-6A, GF-5, GF-4, and prior
- General Motors (GM) dexos1 Gen 3 licensed (SAE 0W-20 & 5W-30)
- Ford WSS-M2C960-A1 (SAE 5W-20), WSS-M2C961-A1 (SAE 5W-30), WSS-M2C962-A1 (SAE 0W-20)
- Meets performance requirements of Chrysler
- Meets service fill requirements of JAMA member OEMs

## Product Availability:

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

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

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