

# FS Engine Guard 5W-20, 5W-30, 10W-30

## Description

FS Engine Guard Motor Oil is formulated with synthetic and highly refined conventional base oil, a shear stable viscosity index improver and utilizes an advanced detergent and dispersant package to provide excellent engine cleanliness and protection against low speed pre-ignition (LSPI). In addition, FS Engine Guard contains anti-wear and friction modifiers, foam suppressants, corrosion inhibitors, and an anti-oxidant package.

## Features

- Displays the API “starburst” symbol, indicating it is certified for use in gasoline engines
- Formulated with a partial blend of synthetic base oil to meet NOACK Volatility and ASTM D5800 test requirements
- 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
- Passes all current industry-standard gasoline engine tests
- Features a high-quality 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
- Formulated with a high level of dispersancy that protects against sludge, engine rust, and corrosion under severe operating conditions
- Offers low volatility for reduced oil consumption and protection of the 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

## Meets or Exceeds:

- API SN Plus, SN, SM, SL, SJ, SH
- Resource Conserving
- ILSAC GF-5, GF-4, and prior
- 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 Synthetic Blend SAE 5W-20

12 x 1 qt.	Item #174249
6 x 1 gal.	Item #219750
55-gal. Drum	Item #174254
265-gal. Totes	Item #176791

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

12 x 1 qt.	Item #174835
6 x 1 gal.	Item #167388
55-gal. Drum	Item #174836
265-gal. Totes	Item #174837

### FS Engine Guard SAE 10W-30

12 x 1 qt.	Item #174839
6 x 1 gal.	Item #167385
55-gal. Drum	Item #174840
265-gal. Totes	Item #174841

Always refer to owner’s manual for recommendation on lubricant



## Typical Properties

Test / Description	Specification	Specification	Specification
<b>SAE Grade</b>	<b>10W-30</b>	<b>5W-20</b>	<b>5W-30</b>
<b>Viscosity @ 100°C (cSt)</b>	10.8	8.6	10.5
<b>Viscosity @ 40°C (cSt)</b>	73.8	50.0	65.2
<b>Viscosity Index</b>	135	145	150
<b>Density (lb/gal)</b>	7.24	7.19	7.2
<b>CCS Viscosity (cP)</b>	5,500	5,300	5,600
<b>Pour Point (°C)</b>	-33	-39	-36
<b>Pour Point (°F)</b>	-27	-38	-33
<b>Flash Point (°C)</b>	215	210	210
<b>Flash Point (°F)</b>	419	410	410