

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

Description

FS Engine Guard Synthetic Blend 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 a robust antioxidant package to help prevent timing chain wear and turbocharger deposits in next generation gasoline engines. It is also backwards compatible to protect older engine technologies.

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

Product Availability:

FS Engine Guard Syn 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 Syn 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 10W-30

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



Typical Properties:

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