

# FS Suprex Gold ESP Full Synthetic SAE 5W-40

## Description

FS Suprex Gold ESP (Exhaust System Protection) Full Synthetic SAE 5W- 40 is an API CK-4/SN lubricant. This product comfortably exceeds performance-level requirements of API CK-4/SN and OEM standards. Formulated with advanced technology, FS Suprex Gold ESP Full Synthetic SAE 5W-40 surpasses the higher-performance demands of modern engines equipped with advanced emission-control technology and exceeds API CK-4/SN requirements.

Fully backward compatible to protect older engines as well, it withstands the stress of heat, soot, and acids to help prevent deposits, wear, and corrosion, outperforming best-in-class conventional SAE 15W-40 oils. Use of FS Suprex Gold ESP Full Synthetic SAE 5W-40 enables fleets to capture significant long-term cost efficiencies, while maximizing equipment performance and protection.

## Features and Benefits:

- Outstanding wear protection
- Extended drain intervals
- Improved fuel economy performance – greater than 1% - over conventional SAE 15W-40 oils
- Exceptional soot dispersancy
- Excellent operating performance in low ambient temperatures
- Superior protection against deposit and sludge buildup
- Greatest resistance to thermal and oxidative breakdown
- Advanced additive technology to protect modern emission-control systems
- Long-lasting TBN to neutralize acids and guard against corrosive wear

## Meets or Exceeds:

- API CK-4, CJ-4, CI-4 PLUS, CI-4, CH-4
- API SN, SM, SL, SJ
- ACEA E9-2016, E7
- Mack EOS-4.5, EO-O Premium Plus, EO-N
- Volvo VDS-4.5, VDS-4, VDS-3
- Cummins CES 20086, CES 20081
- Caterpillar ECF-3, ECF-2
- Detroit Diesel DFS 93K222, DFS 93K218
- Daimler MB 228.31
- MAN M3575
- MTU Category 2.1
- Renault RLD-4, RLD-3
- Ford WSS-M2C171-F1
- Allison TES 439

## Product Availability:

12 x 1 qt.	Item #207764
2 x 2.5 Gal.	Item #207765
30-gal. Drum	Item #207882
55-gal. Drum	Item #207881
265-gal. Totes	Item #207883
Bulk	Item #207880

## Typical Properties:

Test / Description	Specification
SAE Grade	5W-40
Viscosity @ 100°C (cSt)	14.5
Viscosity @ 40°C (cSt)	89.0
Viscosity Index	170
Density (lb/gal)	7.14
CCS Viscosity (cP)	5,800
Pour Point (°C)	-36
Pour Point (°F)	-33
Flash Point (°C)	220
Flash Point (°F)	428
TBN	10
Sulfated Ash	1.0%
HTHS @ (cP)	3.8
Volatility	12.0%