



### **Super S FG-2000 Synthetic Blend 10W-30 CJ-4/SN**

**Super S FG-2000 Synthetic Blend 10W-30 CJ-4/SN** is the latest generation premium heavy-duty engine oil that meets or exceeds the service requirements of virtually all diesel engine manufacturers; both 2007 emission compliant and older engines, as well as new engines using SCR and EGR systems for 2010 emission compliance. It is suitable for virtually all on-highway and off-highway service applications.

#### **FEATURES/ BENEFITS**

##### **Super S FG-2000 Synthetic Blend 10W-30 CJ-4/SN:**

- Meets or exceeds requirements of today's high performance, low emission diesel engines while providing excellent performance in older engines allowing operators use of one oil for many engines.
- Provides significantly improved wear protection, deposit and viscosity control and oxidation resistance.
- Provides excellent protection and durability demonstrated in control of valve train wear and piston ring and liner wear, helping to prolong engine life.
- Provides improved soot control and an exclusive detergent system for outstanding engine cleanliness.
- Demonstrates exceptional low temperature flow properties which helps to speed cold starts.
- Demonstrates reduced fuel consumption.
- Demonstrates performance reserve throughout the oil drain interval for full protection and lubrication throughout the entire oil drain interval.
- Demonstrates outstanding shear stability for viscosity control.
- Simplifies inventories- one oil for all your 4-stroke engines; gasoline and diesel

#### **APPLICATIONS**

- Engines calling for API CJ-4, CI-4 Plus, CI-4, SN, SM,
- Meets needs of all the 4-stroke engines in a fleet that call for a 10W30 viscosity
- Satisfies requirements for naturally aspirated and turbocharged engines
- All 2007 emissions compliant engines and 2010 SCR and EGR emission compliant engines
- Excellent for use in engines with shorter piston crowns, higher power density, inter-cooling, electronic fuel management, exhaust gas recirculation, and exhaust particulate traps
- Meets needs of the older engines in on-highway service
- Satisfies off-highway engines calling for multi-grade engine oils
- Works well with both on- and off-highway diesel fuels

#### **RECOMMENDATIONS/SPECIFICATIONS**

**Super S FG-2000 Synthetic Blend 10W-30 CJ-4/SN** is licensed as:

API Service Categories CJ-4, CI-4 Plus, CI-4, SN, SM

Meets requirements of :

ACEA - E7

Cummins - CES 20081

DHD-1

Mack - EO-O Premium Plus 07

Mercedes-Benz - 228.3

Renault - VI RLD-3

Caterpillar - ECF-1, ECF-2, ECF-3

Detroit Diesel - 93K218

JASO DH-2

MAN - M3275

Navistar

Volvo - VDS 4

**SPECIAL HANDLING, NOTICES OR WARNINGS**

Use the same care and handling that you would use with petroleum products.

**TYPICAL CHARACTERISTICS**

<b>Super S FG-2000 Synthetic Blend 10W-30 CJ-4/SN</b>		
<i>Property</i>	<i>Test Method ASTM -D</i>	<i>SAE Viscosity Grade</i>
		10W-30
Specific Gravity	D4052	0.868
Flash Point °C	92	235
Pour Point °C	97	-35
Low Temp Viscosity cP @-20	5293	6200
Viscosity cSt @ 40°C cSt @ 100°C	445	115 15.0
VI	2270	135
Sulfated Ash wt %	874	1.0 max
TBN	2896	9.5

Typical test data are average values only.

Minor variations which do not affect product performance are to be expected during normal manufacturing.

**PRODUCT NUMBERS**

SUS 99-55

55 gallon drum