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## **SF-2020**

### **Product Description**

**SF-2020** is a proprietary environmentally friendly blend of glycol esters, sulfurized extreme pressure additives, and non-toxic oils formulated to increase lubricity in drilling fluids.

### **Properties**

Appearance: Brown liquid, Specific gravity, g/cc: 0.92 – 0.97, pH,1% in water: 9–10, LC50, ppm\*: 259,600  
Pour Point, °F\*\*: ~ 15

### **Viscosity Test**

Temperature, °F	Viscosity, cps
60	33.0
50	40.0
40	49.5
35	55.0
30	60.0
25	77.0

### **Performance Data, Coefficient of Friction †**

Concentration, %	† COF
1	0.08
2	0.05
4	0.03

† COF = Coefficient of Friction: Untreated Bentonite/polymer 10ppg base mud coefficient of friction 0.32 using Baroid Lubricity Tester

\*48-hour rangefinder test in Gen 7 mud

\*\* Indicated from viscosity testing in a 400 ml beaker over a solution of dry ice/IPA/saltwater

### **Packaging**

SF-2020 is packaged in *32-5 gallon pails per pallet, 4-55 gallon drums per pallet, and a 275-gallon tote.*