FR-1400
Friction Reducing/Completion Solution

Typical Physical Properties

- **Appearance:** Brownish/tan
- **Physical State:** Liquid
- **Odor:** Mild Hydrocarbon
- **Specific Gravity:** .97-1
- **Weight per Gallon:** 7.93-8.15
- **Solubility in Water:** Complete
- **pH:** 6.5-7.5
- **Flash Point:** >200°F
- **Formula:** Proprietary Blend

**Handling/Safety**
FR-1400 is available in 5 gallon pails, 55 gallon drums, 275 gallon IBC tote bins and in bulk. Safety Data Sheets are available outlining safe handling practices.

**Product Information**

- FR-1400 provides unmatched COF values.
- FR-1400 is designed to work at bottom hole temperatures (BHT) in excess of 400°F.
- FR-1400 withstands chlorides in fully saturated conditions (180,000 Ppm +)
- FR-1400 liquid concentrate provides improved mix dispersion with limited agitation.
- FR-1400’s typical pressure reduction values are seen from 300 PSI up to 1500 PSI.
- The recommended dosage rate for FR-1400 is 0.25 gallons per 10 bbl up to 2 gallons per 10 bbl depending on hole conditions.

**HMIS Rating:**
- Health: 1
- Flammability: 1
- Reactivity: 0
- Personal Protection: B

**Differentiated with Added Value**
- Cold Weather Package {to ~ 40°F}
- High Temperature {for environments above 400°F}

**Percent Pressure Reduction**

- *Note- TDS (Total Dissolved Solids)*

---

**Technical Sales & Service:**
Phone: 1-800-630-3922
Website: www.CCoflChemLLC.com