

## **CFL-811**

(Chrome Free Lignosulfonate)

### **DESCRIPTION:**

Chrome Free Lignosulfonate is a thinner for water based mud for environmentally sensitive applications that is used for controlling flow properties and filtration rates.

CFL-811 is a high performing modified iron based product.  
Helps control the rheology of drilling fluids by reducing viscosity and gel strengths

### **Advantages:**

Compatible with most other additives commonly used in water based drilling fluids

Thermally stable to temperatures near 350°F

Effective at low pH conditions (8 – 9.5)

Moderately tolerant to calcium and alkali metal salts, cement and anhydrite

### **PHYSICAL CHARACTERISTICS:**

Appearance:	Dark Powder
pH:	3.5
Gravedad Especifica:	1.25

### **Treatment:**

2 – 6 ppb

### **Presentation:**

50 lbs sacks, 50 sxs/pallet