

## **PURELUBRI® EP**

### **Product Description**

PURELUBRI® EP is a high temperature, extreme-pressure lubricant for use in all water-based drilling fluids. PURELUBRI® EP is effective for reducing torque, drag and friction, preventing side-wall sticking, prolonging bit bearing life, and preventing corrosion.

PURELUBRI® EP reacts directly with metal surface by a chemisorption process, forming a continuous lubricating film on the BHA surface. This film forms a physical barrier that reduces metal-to-metal friction and pipe wear, and protects the metal surfaces against corrosion hydrogen embrittlement. PURELUBRI® EP contains no hydrocarbons and no harmful to human health and environmental.

### **Applications/Functions**

- Increases extreme-pressure lubricating properties of drilling fluids
- Reduces wear of metal parts
- Reduces torque problems in high angle, long horizontal and complicated drilling operations

### **Advantages**

- Effective in small concentrations
- Does not cause foaming
- Does not cause fluoresce and no impact to logging operation

### **Typical Properties**

- Appearance: Light yellow liquid
- Specific gravity: 1.0-1.1
- Flash point: >338°F
- Extreme pressure: >850 N

### **Recommended Treatment**

- A typical range is 0.5-2% v/v, but specific drilling conditions will dictate a suitable concentration

### **Package**

- 55 GAL DRUM