



EP MUDLUBE®

Extreme Pressure Lubricant

Description EP MUDLUBE® modified tall oil fatty acid can be used to impart extreme pressure lubricating properties to drilling fluids. EP MUDLUBE lubricant readily adsorbs on exposed surfaces, providing a physical coating that is effective in reducing metal-to-metal friction.

- Applications/Functions**
- Can reduce drill rod torque and drag
 - Can Lubricate drill rods and casing in close tolerance boreholes
 - Can reduce heat generated at bit face
 - Can enhance tolerance of chemical contaminations in drilling fluids
 - Can minimize differential sticking
 - Can mitigate drill string corrosion

- Advantages**
- Effective small concentrations
 - Help reduce metal-to-metal friction and resultant torque
 - Compatible with other Baroid drilling fluid additives when added in proper sequence

Typical Properties

• Appearance	Thick, dark fluid
• Flash point, PUCG °F (°C)	146 (63)
• Specific Gravity	0.94

- Recommended Treatment**
- Using a Venturi mixer, or into vortex of a high-speed stirrer, add slowly and uniformly to the entire circulating system.

Approximate Amounts of EP MUDLUBE Additive Added to Water-based Fluids			
Recommended Treatment	Quart/bbl	Quart/100 gal	Liter/m ³
• Added to a bentonite or polymer-based drilling fluid	0.75 – 3.5	2 – 8	5 – 20
• Slug treatment for torque reduction in problematic zones and deviated holes	2 – 4 quarts (2-4 liters) added directly to pipe		

Packaging EP MUDLUBE lubricant is packaged in 5-gallon (19-liter) plastic containers and 55-gallon (208-liter) drums.

Availability EP MUDLUBE lubricant can be purchased through any Baroid Industrial Drilling Products Retailer. To locate the Baroid IDP retailer nearest you contact the Customer Service Department in Houston or your area IDP Sales Representative.

**Baroid Industrial Drilling Products
Product Service Line, Halliburton**

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