



BARO-LUBE GOLD SEAL™

Drilling Fluid Lubricant

Description BARO-LUBE GOLD SEAL™ lubricant is a liquid additive specifically formulated for use in industrial drilling applications where environmental constraints preclude the use of hydrocarbon-based additives. BARO-LUBE GOLD SEAL lubricant is designed to reduce friction under extreme pressure (metal-to-metal) and in the borehole (metal-to-formation).

- Applications/Functions**
- Helps reduce drill rod torque and drag
 - Helps lubricate drill rods and casing in close tolerance boreholes
 - Helps reduce heat generated at bit face
 - Helps reduce bit balling and mud rings on rods
 - Helps minimize potential for differential sticking

- Advantages**
- Water soluble lubricant
 - Mixes in fresh or saltwater-based drilling fluids
 - Compatible with most drilling fluid additives
 - Mild odor - acceptable underground
 - Increases lubricating properties of bentonite and polymer based drilling fluid systems
 - Stable at elevated sub-surface temperatures up to 300°F)

- Typical Properties**
- Appearance Amber liquid
 - Specific Gravity 0.94 (7.8 lb/gal)
 - Flash point, PMCC >200°F (93°C)

Recommended Treatment

Approximate Amounts of BARO-LUBE GOLD SEAL™ lubricant Added to Water-Based Drilling Fluids		
% by Volume	Quarts/100 Gallons	Liters/m ³
1.0 – 2.0	4 - 8	10 - 20

Note:

- Soaping out of this product could take place in drilling fluids containing high concentrations of divalent cations such as Calcium.
- For maximum efficiency maintain drilling fluid slurry density below 10 pounds per gallon (1.2 g/cm³)
- As a friction reducer in problematic zones or deviated holes slug 1 to 2 quarts (1-2 liters) down pipe to reduce torque and drag

Packaging BARO-LUBE GOLD SEAL™ lubricant is packaged in a 5-gallon (19-liter) plastic container.

Availability BARO-LUBE GOLD SEAL 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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Customer Service (800) 735-6075 Toll Free (281) 871-4612

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