



# BAROLIFT®

## Hole Cleaning Aid

**Description** BAROLIFT® hole cleaning aid contains chemically inert, temperature stable, synthetic fiber material which is used as a hole cleaning and suspension aid in HDD, Minerals Exploration and other industrial drilling applications.

**Applications/Functions** *The use of BAROLIFT synthetic fiber assists or promotes the following:*

- Enhance suspension properties and carrying capacity of drilling fluid without increasing viscosity
- Reduce loss of circulation or seepage to formation
- Effective as drilling fluid component or as a sweep material
- Enhance suspension properties of casing pack fluids

- Advantages**
- Does not affect chemistry of drilling fluid
  - Mixes easily and uniformly through the mud hopper
  - Easily removed by screened solids control equipment
  - Does not increase viscosity
  - Non-fermenting
  - Can be utilized in wireline coring environments

**Typical Properties**

• Appearance	White fibers
• Fiber length, inches	0.5
• Specific gravity	0.91

- Recommended Treatment**
- ***As an additive in water-based drilling fluids for HDD applications***
  - One half to one 3/4-lb bag of BAROLIFT per 300 gallons of drilling fluid
  - One half to one 0.34-kg bag of BAROLIFT per cubic meter of drilling fluid
  - ***As a sweep material in Wireline Coring applications***
  - One half to one 3/4-lb bag of BAROLIFT per 10 gallons of sweep fluid
  - One half to one 0.34-kg bag of BAROLIFT per 38 liters of sweep fluid

- Mixing Requirements And Equipment Compatibility**
- Removal of ball and spring float assemblies are recommended as fiber may accumulate in these areas and cause float to malfunction
  - Orifices used in bit and/or reamers must be 1/4-inch (6.35 mm) to prevent plugging
  - Remove all screens or strainers that are located in the fluid system prior to mixing and introduction into the circulation system
  - Product concentration and usage may be limited due to tolerances and restrictions of downhole tooling and specialized bottomhole assemblies

**Packaging** BAROLIFT® is packaged in a cardboard box containing ten 3/4-lb (0.34-kg) bags.

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**Availability** BAROLIFT 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**

3000 N. Sam Houston Pkwy. E.

Houston, TX 77032

**Customer Service** (800) 735-6075 Toll Free (281) 871-4612

**Technical Service** (877) 379-7412 Toll Free (281) 871-4613

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