BAROFIBRE® O lost circulation material is a natural cellulose material with an oil that renders it hydrophobic, or conversely, oleophilic. Initially touted for the ability to be used in an oil base drilling fluids without increasing emulsifier demand or decreasing the electrical stability, it has been determined to be equally effective in a water base fluids. One significant aspect is the ability it exhibits to plug a wide range of pore sizes, with effective results on 10, 25, 35 and 190 micron ceramic disks in a PPA test at 1000 psi differential pressure. It is provided in three particle size ranges, F, M and L.

### Applications / Functions
- Helps reduce wallcake permeability and seepage loss
- Helps seal and bridge sands and microfractures
- May lubricate the wellbore by creating a more lubricious filter cake

### Advantages
- Has minimal adverse effects on rheological properties of the drilling fluids
- Compatible with most water-based and oil-based muds
- Will not plug drilling equipment
- Biodegradable and nontoxic
- Has no adverse effects on rheological and filtration control properties of the drilling fluids

### Typical Properties
- **Appearance**: Reddish dark brown to black powdered fibers
- **Bulk density**: 23 lb/ft³
- **pH, (1% solution)**: 4.9
- **D50, (+/- microns)**: 80 microns

### Recommended Treatment
1. As a preventive treatment, add 2-15 lb/bbl (5.7-58.0 kg/m³).
2. As a lost circulation remediation treatment, add 20-50 lb/bbl (77.3-193.3 kg/m³).

Note: Water-based fluids treated with BAROFIBRE O lost circulation material should be supplemented with a biocide such as ALDACIDE® G biocide to control potential bacterial contamination. Sweeps could help reduce torque and drag.

### Packaging
BAROFIBRE O lost circulation material is packaged in 25-lb (11.3-kg) sacks.

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www.halliburton.com/baroid

Because the conditions of use of this product are beyond the seller's control, the product is sold without warranty either express or implied and upon condition that purchaser make its own test to determine the suitability for purchaser's application. Purchaser assumes all risk of use and handling of this product. This product will be replaced if defective in manufacture or packaging or if damaged. Except for such replacement, seller is not liable for any damages caused by this product or its use. The statements and recommendations made herein are believed to be accurate. No guarantee of their accuracy is made, however.

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