

ANCO FIBER

Solutions Through Technology.....

Environmentally Friendly Chemicals

Product Description

ANCO FIBER is a fine, fibrous, cellulose bridging agent.

Typical Application

ANCO FIBER is an effective seepage loss control additive applicable in both water based and oil based drilling fluids. ANCO FIBER is used to prevent the loss of whole drilling fluid to small fractures or unconformities, and porous formations. Loss of circulation, can be treated by adding ANCO FIBER to the entire circulating system, or by pumping sweeps or pills or fluid containing a high concentration of the product to the zone of loss. Batch treatment (using pills placed adjacent to permeable zones) are often quite effective for treating seepage losses that occur during trips. Sweeps (batch treatments) that are pumped while drilling through porous permeable formations, are generally very effective at rapidly sealing potentially productive zones, reducing mud invasion (flush zone), and helping to establish an effective filtercake to seal the wellbore.

Product Advantages

- Provides rapid effective bridging and sealing of permeable formations where losses occur.
- Helps to reduce wallcake thickness, and stuck pipe potential.
- Effective in situations where high differential pressures exist.
- Works synergistically with sized carbonate materials.
- A cost effective alternative to high priced third-party materials.

Recommended Treatment

ANCO FIBER can be used as a seepage loss additive either as a pretreatment at 2 to 10 lb/bbl (5-25 kg/m³) or as a batch treatment. Pills or sweeps can be prepared by mixing ANCO FIBER into a limited volume of fluid from the existing system at high concentrations, 10 to 50 lb/bbl (28-150 kg/m³).

Treatment of oil base muds with ANCO FIBER should be pilot tested before initiating any recommendations. Oil base fluids may require treatment with additional wetting agent to prevent excessive viscosity or solids agglomeration.

Handling

Employees should utilize normal precautions when handling chemical products. The use of a dust mask, safety goggles, gloves and apron are recommended when handling this product. In case of eye contact, flush with clean, fresh water and seek medical advice. In case of skin contact, simply wash the affected area with soap and water. Review the Material Safety Data Sheet (MSDS) for this product prior to use.

Storage

Store in a dry area, protected from precipitation and contact by moisture.

Packaging

Packaged in 25 lb multi-wall polyethylene lined paper bags.

Typical Chemical and Physical Properties

Bulk density, lb/ft³27 - 39
Solubility Limited solubility in water and oil
Appearance Fibrous powder, 85% through 60 mesh screen
Color Light tan to brown
Odor Odorless
pH 6.0