



Drilling Fluids, Inc.

Fluid Loss Agents

DRILSTAR HT[®]

Description

DRILSTAR HT[®] is a premium grade white pregelatinized starch developed for use as a fluid loss control additive for all types of water based drilling and completion applications.

Uses

DRILSTAR HT[®] is particularly suited for use in high hardness and saturated salt, high pH, and gypsum drilling and drill-in fluids with superior fluid loss to 225° F static bottom-hole temperature.

Benefits

DRILSTAR HT[®] provides a an economical polymer drilling fluid when filtrate control is required are not at a premium and additional viscosity can be tolerated. Drillstar provides a biodegradable viscosifier and filtrate reducer.

Treatment

DRILSTAR HT[®] provides rapid reduction of API fluid loss at minimum levels of 4-6 ppb. Ideal levels of effective concentration are 5 ppb. Best results stem from use of appropriate biocide for general drilling fluid system stability.

Function

DRILSTAR HT[®] provides both fluid loss control and viscosity through its long chain polymer configuration.

Typical Physical Properties

Physical Appearance.....
Specific Gravity.....
Bulk Density.....25-45 lbs/ft³
Hygroscopic.....
pH in water.....5-9
Viscosity.....75-150 cP, 6% fresh water solution,
Brookfield LVT[™] #2 spindle, @ 60 rpm, at 68°F.
Moisture.....6-10%
Particle Distribution.....100% less than 20 mesh (850 micron)



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Safe Handling
Procedures

Packaging

DRILSTAR HT (continued)

Utilize normal precautions for employee protection when handling chemical products. Use of appropriate respirator, gloves, goggles, and apron is recommended for employee comfort and protection. See Material Safety Data Sheet (MSDS) for this product prior to use.

DRILSTAR HT[®] is packaged in 50-pound multi-wall (PE liner) paper bags.