



Drilling Fluids, Inc.

Fluid Loss Agent

SOLTEX®

Description

SOLTEX® is sulfonated asphalt residuum primarily used for stabilizing troublesome shale sections or unconsolidated intervals.

Uses

SOLTEX® is a registered trade mark of Drilling Specialties Company. It is a specialty product manufactured with 70% water soluble "asphaltine" used for shale stabilization. SOLTEX® is used where running shale becomes a problem.

Benefits

SOLTEX® is unaffected by oil in the drilling fluid. This property prevents "tar balls" from forming and shaker screen blinding, which is common with ordinary ground asphalt products.

Treatment

Normal treatment levels vary depending on the severity of the shale problem, but from 1.0 to 4.0 ppb is recommended. Daily maintenance will depend on dilution and desired fluid properties.

Function

Small soft asphalt particles bridge and fill micro fissures in shale preventing the uptake of water which might cause swelling and destabilization. Because SOLTEX® is primarily water soluble it is less prone to being removed by oils and condensate.

Typical Physical Appearance

Appearance.....dark brown to black powder
Hygroscopic.....no
pH in water.....8.2
Bulk Density.....50 pcf
Specific Gravity.....1.15



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**Safe Handling
Recommendations**

Packaging

SOLTEX® (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.

SOLTEX® is packaged in 50 pound multiwall bags.