



PhenoSeal

5151 Bannock Unit 5 Denver, CO

Product Data Sheet

Product Description

FORTA® Pheno Seal® is a chemically stable thermoset laminate used to correct lost circulation in all water, oil, and synthetic-based fluids and cements. Pheno Seal® is ground from laminate sheets into flakes of various sizes, which allow for maximum sealability at a very efficient dosage per barrel.

Functions

Pheno Seal® is used in all water, oil and synthetic drilling fluids as a premium-performance Lost Circulation Material (LCM). Pheno Seal® maintains the best cost-to-benefit ratio of any LCM product, greatly outperforming nutshells, fibers, mica and other blended materials for sealing fractures. Pheno Seal® can be used in any fluid-based drilling system, anywhere that significant fluid loss is a major concern.

Application

Pheno Seal® should be added at a rate of 10 to 30 ppb to a 25 to 50 barrel pill, mixed and pumped downhole. After regaining circulation, 40 to 160 lbs. per hour (1 to 4 sacks) of Pheno Seal® should be mixed to reduce fracturing of a newly drilled formation. To minimize seepage loss, 80 to 320 lbs. per hour (2 to 8 sacks) of Pheno Seal® should be mixed into the system while drilling.

Properties

Materials.....Ground thermoset laminate
Form.....Hard, flat chip
Specific Gravity.....1.3
Chemical Resistance.....Inert
Color.....Varied
Temperature Range.....Stable up to 500° F

Packaging

Bags.....40 lbs. (18.15 kg.)
Pallets.....50 Bags