

Lost Circulation & Fluid Loss Control

Swell Mud



Product Number
9410025

Applications

Swell Mud is a lost circulation material used to seal fractures. It can also be spotted in caving zones to consolidate loose formations. After placing TIME Swell Mud pills, pull up above the problem zone to prevent stuck rod. Hydration occurs in 20 to 30 minutes. Circulate with mud and LCM to fill the voids between the spotted pill.

Advantages

- Swell Mud can be hydrated prior to spotting.
- Due to its swelling capacity and particle size distribution, Swell Mud will accumulate in a variety of fracture sizes.

SWELL MUD is a swelling copolymer utilized in lost circulation that can expand up to 500 times its volume in freshwater.

Method of Addition

Mix Swell Mud in water or drilling fluid; with or without LCM. Add 1 to 3 lb (0.5 to 1.5 kg) per 5 gal (20 L) of water or mud in a pail for smaller pills or 4-5 pails for larger pills of 50 barrel (8000 L). Do not hydrate longer than 5 minutes before spotting. The core tube should be removed before spotting in coring applications. Repeat as necessary to stop lost circulation.

Typical Physical Properties

Physical appearance	White powder
Specific gravity	0.8 – 1.0
Solubility	Swells on contact with water

Packaging and Storage

Swell Mud is supplied in 5 gal/18.9 L pails.

Store in a dry location away from sources of heat or ignition.

