

QMAX SQUEEZE

Description

QMAX SQUEEZE consists of a cross-linking agent, a blend of low molecular weight polymer and a filtration agent. The cross-linking action is a function of temperature.

Applications

QMAX SQUEEZE is designed to produce both an open hole plug and an inner zonal shut-off. The product is designed for matrix and fractured formations.

The slurry is pumped to a defined zone and a slight squeeze applied. Upon contact with the thief zone, QMAX SQUEEZE slurry will rapidly de-water, leaving behind a drillable plug in fractures. This plug holds the polymer solution in place while it cross links, forming a non-flowing gel inside the formation.

Features and Benefits

- Can be pumped through downhole tools
- It could require an accelerator or retarder depending on the temperature
- Insensitive to H₂S and CO₂
- Stable up to 400°F
- Can be mixed and pumped using rig equipment
- Does not contaminate drilling fluids

Typical Properties

Appearance	Solid
Color	Light gray
Odor	Mild
Specific Gravity 68°F (20°C)	2.24

Recommended Treatment

Concentrations up to 120 lb/bbl (340 kg/m³) could be mixed if conditions are suitable. Once pill is properly mixed and weighted up to required density, spot pill across loss zone and pull pipe 200' above top of pill or last casing point. Apply a gentle squeeze pressure (100-150 psi) reinforcing pill to compress and penetrate into problem zone, packing off the pore throat or voids of permeable formations.

Do not use it in the reservoir zone, it can cause a permanent seal. .

Safety and Handling

Prior to using this product, refer to the safety data sheet for information on use of personal protective equipment, safe handling, storage, transport, and disposal.

Packaging

QMAX SQUEEZE is available in 40 lb (22.7 kg) bags.

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