

AQUACAT®

Product description

AQUACAT® shale inhibitor is a powdered, cationic polyacrylamide used in polymer-based drilling, workover and completion fluids. AQUACAT® provides borehole stability in troublesome shale sections by minimizing dispersion of shales. High inhibitive drilling fluids formulated with AQUACAT® should contain a minimum potassium chloride concentration of 60,000 ppm. Preferred Potassium chloride, as well as sodium chloride could be used with AQUACAT®, as long as sufficient electrolyte concentration is available to sustain compatibility of AQUACAT® with biopolymer suspending agents. It is AQUACAT® is suitable in fresh water, seawater, low solids or weighted systems.

Applications/Functions

- Adsorbs onto shale cuttings, reducing rapid hydration
- Limits cuttings dispersion
- Enhances solids removal efficiency and avoid accretion potential

Advantages

- Prevents clay swelling caused by water molecule invasion
- Excellent shale inhibitor used in high performance water-based mud systems • No adverse effects on viscosity or filtration control
- Non-foaming

Typical Properties

- Appearance: White powder
- Specific gravity: 1.3
- pH (in 5% aqueous solution): 4-6.5

Recommended Treatment

- A typical treatment range is 3-7 ppb

Package

- 25 KG SACK

