



Technical Data Sheet

SWA (Super Wet)

Product Description

SWA is specialized concentrated surfactant used to preferentially oil wet the solids in oil-based mud systems.

Applications:

SWA is a concentrated wetting agent that can be added to reverse a water-wet solids problem, allowing the surface area for the solids to return to an oil wet environment. SWA will prevent water wetting of all weight material. SWA can be added to a drilling fluid as pretreatment before displacement or cementing jobs are initiated to eliminate any occurrence of water-wetting or used to condition a fluid that has encountered a water-wet problem. SWA will prevent sag from water wet weight material.

Treatments:

In general, for pretreatment, concentration of 1 lb./bbl (2.8 kg/m³) are suggested however if large amount of open hole is exposed, larger treatment should be considered but should be limited to 2 lb./bbl (5.6 kg/m³) During all concentration normal amount of emulsifier and other additives should be maintained. In all situation pilot testing should be done before addition of SWA wetting agent to ensure that over-treatment is avoided.

KEY BENEFITS

- Coats the surfaces of shale and other solids.
- Improves flow properties.
- Improves screen usage.
- Acts as a secondary emulsifier.

Key Properties

Color	Pale yellow to amber
Physical Form	Liquid
Sg	1.0– 1.1
Packaging	55 gl drum