AKTAFLO®-S™

WETTING AGENT

Product Description
AKTAFLO®-S™ wetting agent is a liquid surfactant that rapidly alters the surface tension on dispersed particles in water-based drilling fluids leading to lower flow properties of the drilling fluid. AKTAFLO-S wetting agent can also be used to stabilize the flow properties and gel strengths of water-based drilling fluids exposed to high temperatures. Small concentrations of AKTAFLO-S wetting agent are typical in land-based drilling applications.

Applications/Functions
» Stabilize rheological and filtration properties
» Prepare surfactant drilling fluids such as lignite/surfactant, calcium/surfactant, and salt water/surfactant
» Emulsify oil in water

Advantages
» Helps reduce high-temperature filtration and rheological characteristics.
» Is compatible with all water-based systems
» Exhibits thermal stability in excess of 400°F (205°C)
» Helps reduce bit balling and the potential for differential sticking
» Helps increase solids tolerance for water-based systems

Typical Properties
» Appearance: Clear to slightly colored liquid
» Specific Gravity: 1.097
» Flash point: >215°F (102°C)

Recommended Treatment
To emulsify oil into water, add 0.5-7.0 lb/bbl (1.4-20.0 kg/m³).

As a wetting agent, add 0.5-3.0 lb/bbl (1.4-8.5 kg/m³).

Packaging
AKTAFLO-S wetting agent is packaged in 5-gal (18.9-l) cans and 55-gal (208-l) drums.