

SAFE-FLOC II

Filtration: Filtration Equipment/Filtration/Reclamation Chemistry

SAFE-FLOC® II flocculant and filtration aid is a blend of surfactants and solvents designed to suspend solids from oil-base drilling fluid and transport them from the well. Solids from the drilling mud, pipe dope and mineral scale are made oil-wet and emulsified. This mechanism ensures that the solids remain in suspension and are carried out of the well.

Applications

The SAFE-FLOC II flocculant and filtration aid is designed specifically for downhole use in oil and gas wells for clean-up prior to the start of production

and as a filtration aid. It can also be used to flocculate dispersed mud solids in a completion fluid and float the solids to the surface of a holding tank. This allows the fluid below the surface to be filtered at a much faster rate and with longer filtration cycles.

The flocculant and filtration aid is applied as a spacer, it is used as a solution in fresh or seawater in solutions between 1 and 4% by volume. Higher concentrations may be used where higher levels of hydrocarbon exist in the mud to be displaced.

Advantages

- Solids are made oil-wet and emulsified to ensure they are removed from the wellbore
- Can be separated from the carrier fluid by gravity separation, minimizing environmental impact
- Significantly reduces filtration and displacement time, saving rig costs

No claim of personal safety is intended nor implied by the use of the name SAFE in this product. Personnel handling this material should read and follow all safety and handling procedures set forth in the Material Safety Data Sheet.