

# AMC LIQUI SPERSE PFD™

## FLOCCULANTS & DISPERSANTS



### Description

AMC LIQUI SPERSE PFD™ is a phosphate free, polymeric thinner designed to remove mud and sediment from production zones and gravel packs. It is also effective at deflocculating and thinning bentonite muds. AMC LIQUI SPERSE PFD™ is a phosphate free, water soluble, easily dispersed liquid and requires only small concentrations to provide effective results.

### Application

Ideally, AMC LIQUI SPERSE PFD™ should be applied directly to the screened area via a tremie line. If necessary the AMC LIQUI SPERSE PFD™ solution can be poured directly into the well at surface. The solution should be thoroughly mixed down hole once applied.

If being used as a mud thinner pilot testing is recommended prior to treating any system with AMC LIQUI SPERSE PFD™. Incremental additions are recommended at 0.14 kg / m<sup>3</sup> (0.05 lb / bbl) to determine the optimal concentration required. Over treatment can cause significant reductions to low end rheology (6 rpm & 3 rpm readings) as well as gel strengths which can then be difficult to recover once treatment has occurred.

### Typical Physical Properties

Appearance:	Colourless to pale yellow liquid
Specific gravity:	1.25 – 1.35
pH:	7 – 9

### Recommended Treatment

For use in water well production: 0.2% AMC LIQUI SPERSE PFD™ solution with volume applied equivalent to double the calculated volume of the hole covering the production zone.

For use as a mud thinner: 0.7 – 4.3 kg / m<sup>3</sup> (0.25 - 1.5 lb / bbl).

*Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.*

### Advantages

- Phosphate free
- Helps improve well development time
- Helps improve well productivity
- Concentrated liquid thinner
- Prevents excessive viscosity development in bentonite muds
- Compatible with other AMC additives
- Easy handling and rapidly dispersing liquid
- Environmentally acceptable – non-toxic and does not ferment.

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