

FR20-HV High Viscosity Friction Reducer

FR20-HV is a highly concentrated anionic liquid friction reducer slurry, designed for slick water completions and coil tubing operations. Over 50% of FR20-HV is a high-grade anionic polyacrylamide, which allows for treatment loadings of 0.3 to 0.5 l/m³ in typical slick water operations. FR20-HV has a moderate brine tolerance and has been successfully used in water containing >100,000 mg/L total dissolved solids.

FR20-HV builds excellent viscosity when used at higher concentrations. This allows the polymer to be used in fracturing if additional fracture width is required or in coil tubing operations when additional solids transport is needed.

Features and Benefits

- ✓ Double the active content of conventional friction reducer emulsions
- ✓ Rapid hydration in both cold and hot water
- ✓ Can be used at higher concentration to generate increased viscosity. In these instances, a breaker such as a persulfate is recommended
- ✓ Can be thawed and mixed after solidifying without impacting its effectiveness

Applications

- ✓ FR20-HV can be used in Fracturing to provide friction reduction and increased viscosity when required in harder to frac areas
- ✓ FR20-HV can be used in coil tubing applications for friction reduction and as a sweep chemical for removing solids when required

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