

Technical Data Sheet

SafeGel® XL Plus

Typical Physical Properties

Appearance.....Opaque liquid
 Specific Gravity.....0.99-1.92
 Flash Point.....>200°F

Benefits & Applications

- Cohesive property allows for filling large pipe diameters (40") without sagging or settling
- Ideal driver or spacer to run with linear gels and chemicals to remove high solids and deoiling pipe surfaces
- Used as a spacer for sweeping drill pipe and casing strings of drilling and completions fluids
- Can be introduced through very narrow bore openings, barred tees and orifice plates
- Used as a spacer to prevent intermixing of incompatible fluids
- Gel breaker allows solids removal and fluid recycling for disposal
- Can be used in conjunction with most drilling and completions products

Packaging:

SafeGel® XL Plus is available in 5-gallon pails, 55 gallon poly drums and bulk. See Safety Data Sheet for handling and storage requirements.

Product Description

SafeGel® XL Plus is a natural aqueous crosslinked polymeric gel used in combination with SafeGel® XL Crosslinker as a versatile spacer and push pill in the drilling and completions process. SafeGel® XL Plus can be characterized as a biodegradable, semi-solid elastic gel. SafeGel® XL Plus can be designed for use in a broad range of applications and densities such as; spacers for circulating out drilling, completions and work-over fluids, sweeping high viscosity and high density brines, carrying sand and removing solids from bottom. SafeGel® can be made with freshwater, single salt and multi salt brines up to 16 ppg, for use in a wide range of environments.

Treatment Recommendation

Used in drilling and completions applications where working fluids need to be highly viscosified in order to carry and transport solids, as well as sweep out the drilling and work strings during routine operations. Compatible with water, muds and brines to create fluid barriers during fluid swapping operations.

SafeGel® XL Plus is used to enhance the performance of conventional gels with improved drive efficiency and lubricity resulting in reduced mechanical wear and fluid bypass delivering highly effective gel pill sweeps.

DISCLAIMER

This material is supplied solely for informational purposes. Production Improvement Consultants (PIC) makes no guarantees or warranties, either expressed or implied, with respect to the accuracy and use of the data.