

CX-14

4% Boron, Delayed, Borate based, Cross Linker

Use:

CX-14 is a high Boron content delayed liquid Cross Linker. It is a solution for cross linking guar, guar derivatives and other carbohydrate based fracturing fluids.

CX-14 is a suspension of slowly dissolving Boron particles and gives a typical crosslinking delay of 0.5 to 5 minutes, depending on loading and other conditions.

CX-14 can be winterized to extremely low pour-points for use in colder environments.

CX-14 can be added on the fly, typical loading rates are 1 to 4 gpt based on desired fluid properties.

CX-14 should be used with a buffer to reduce pumping horsepower requirements.

Physical & Chemical Properties:

| Parameter | Specification |
|------------------|---------------|
| Appearance | Tan Liquid |
| Odor | Slight |
| Boron Content | 4% min |
| Specific Gravity | 1.25 to 1.40 |
| pH | 6 to 10 |
| Pour Point | 20 deg F |

Compatibility:

Compatible with most known fracturing fluids additives for use with all types of guar and guar derivatives. A compatibility test is always recommended before use.

Environment:

Not hazardous to the environment.

Typical Dosage:

Typically used at 1 to 3 GPT depending on well conditions and desired result

Temperature Limitations:

Can be used across a wide temperature range, no lower or upper temperature limitations on performance. Typically used in wells with BHT up to 350 F, however the product will produce gels that are stable at higher temperatures as well.

Packaging:

330 ga one way totes, 275 ga one way totes, 55 ga drums and Bulk Tank Trucks

Availability:



8115 Loop 540, Beasley, TX 77417
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Pleasanton, TX; Beasley, TX and Midland, TX

DoT Classification:

Not Regulated