

NO BLOK® C

Brine Conditioner Product Data Sheet

Product Description

NO BLOK® C non-emulsifier is designed to prevent formation of emulsions between calcium based completion brines (calcium bromide / calcium chloride) and crude oil. Formation of emulsions with crude oil can lead to reduced reservoir productivity.

Applications / Functions

- Totally miscible in all monovalent and calcium brines
- Minimally absorbing surfactant blend
- Helps lower surface tension of brines
- Helps lower interfacial tension

Advantages

- Helps prevent brine-oil emulsions at every point of contact
- Effective at low concentrations
- Effective for both oil and gas production
- Helps maximize completion fluid recovery
- Faster, cleaner fluid recovery
- Works best at concentrations of 0.1-1.0% by volume
- Cost effective

Typical Properties

- | | |
|--------------------|---------------|
| • Appearance | Amber liquid |
| • Flash point, > | 63°F |
| • Flash point, > | 17°C |
| • Solubility | Water Soluble |
| • Specific gravity | 0.88 |

Recommended Treatment

Add 0.1-1.0% by volume NO BLOK C brine conditioner to brines. The treated brine may also contain a co-solvent or mutual solvent in order to maximize penetration of surfactant. Testing with the produced crude is recommended to optimize treatment.

Note: Do not use in brines containing any soluble zinc.

Packaging

NO BLOK C brine conditioner is packaged in 55-gal (208-l) drums containing 403-lb (183-kg) net weight.