**FLO-CLEAN™ Z**

**Flocculant**

FLO-CLEAN™ Z flocculant is a brine cleaning aid suitable for use in zinc containing brines prior to filtration for fluid reclamation. FLO-CLEAN Z flocculant can also be used as a wellbore cleaner in conjunction with zinc brines to reduce the time required to clean the wellbore as compared to recirculation of the brine as the primary cleaner.

### Applications / Functions
- Brine displacements where the brine contains zinc
- Wellbore cleaner
- Brine reclamation
- Brine displacement enhancer and flocculant

### Advantages
- Helps promote a faster, more effective displacement and reduces costs associated with filtration
- Helps increase filtration rates
- Performs in all brines containing zinc
- Helps minimize the potential for formation damage
- Safe for the environment and for the rig crew

### Typical Properties
- **Appearance**  
  Clear viscous liquid
- **pH**  
  9 to 9.5
- **Specific gravity**  
  1.01

### Recommended Treatment
Add 1-3 percent by volume to the displacement spacer

Note: FLO-CLEAN Z flocculant should be preceded by a casing wash spacer, e.g., BARAKLEAN® DUAL, BARAKLEAN NS, or BARASCRUB™ casing wash

### Packaging
FLO-CLEAN Z flocculant is packaged in 55-gal (208-l) drums containing 460-lb (208.6-kg) net weight.

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