

## WF 10 FOAMER

### principal uses

JACAM's WF 10 is an aqueous solution of alkyl ether sulfate designed to perform in oil field brines containing high levels of dissolved solids.

WF 10 is also useful as a surfactant for wetting solids, for system clean-up, and for improving injectability of brines.

### product benefits

- Biodegradable
- Excellent general -purpose foamer
- Non-emulsifying
- Performs in saturated brine environments
- Can be used with hydrochloric acid
- Unloads water-logged gas wells
- Stimulates injection and producing wells

### dosages & feeding

WF 10 should be used at 1 to 5% by volume for removal of iron oxide, sand, and silt from producing, injection or disposal wells. To unload gas wells, use ½ to 5 gallons as required.

Specific amounts will be determined by well depth, total fluid, and pressures. Consult your JACAM representative for additional recommendations.

### general description

Color .... Clear Amber Liquid

Odor .... Alcohol

Pour Point .... 8° F

Flash Point .... 90° F

Density .... 8.28 lbs./gal.

Specific Gravity 0.99 (Calc.)

pH..... Not Determined

Solubility .... Fresh water soluble  
Brine (HTDSB) soluble  
Crude Oil dispersible  
Drip gas dispersible