



RIGFOAM-3

FOAMER FOR DRILLING AND PRODUCTION OPERATIONS

Description

RIGFOAM-3 is a liquid concentrated anionic surface active agent designed to exhibit good foaming properties in low density brines such as 10 lb. brine and in formation waters containing crude oil or distillate.

Typical Physical Properties

Appearance	Amber
Specific Gravity @ 60°F	1.017
Density (lbs /gallon)	8.47
Flash Point	> 201°F
pH	8.0 - 9.0

Advantages

- RIGFOAM-3 may be used in coil tubing operations to remove sand or other solids which have created a flow restriction or plugging. RIGFOAM-3 is an excellent choice for gravel pack removal. Extensive field tests have proven that RIGFOAM-3 keeps the hole clean and free of cuttings while maintaining low standpipe pressure.
- As a flow enhancer for low pressured wells, RIGFOAM-3 is used as a foaming agent to lighten the fluid column, thereby assisting in lifting and encouraging flow.

Application

RIGFOAM-3 is of benefit for wells exhibiting some amount of gas release. A completely dead well should not be treated with RIGFOAM-3.

Typical concentrations of RIGFOAM-3 range from 0.1% to 0.5%, depending on the formation and injection fluid, injection rates, compressor equipment, etc. Usually, 10 to 20 gallons of RIGFOAM-3 are batched down the tubing, followed by two barrels of produced water as a flush. Formation gas perking through the liquid generates foam throughout the column and assists many weak wells in overcoming hydrostatic pressure. For fresh water, KCl, and NaCl brines, the typical concentration of RIGFOAM-3 is 2 to 6 gal. per 10 bbl fluid.

Handling

Improper handling of this product can be injurious to worker. Observe all safety precautions shown on the label and in the Material Safety Data Sheet.