

COMPLETION FLUIDS & ADDITIVES PRODUCT

TETRA DEFOAM-S

Defoamer

OVERVIEW

TETRA Defoam-S is a silicon-based defoamer product for use in quick-kill applications. It is designed to quickly and completely eradicate foam already present in fluids, but also prevents the generation of foam.

APPLICATIONS

TETRA Defoam-S silicon-based defoamer is recommended for use in all brine completion and workover fluid formulations (including zinc bromide) to prevent or control foaming during mixing or circulating operations. The defoamer flows easily over the foam film seeking out openings between the foam-stabilizing surfactants and the liquid-air interface. The low surface tension of the defoamer causes the foam wall to thin and then collapse. Silicone defoamers are generally more persistent than organic defoamers and are effective longer.

FEATURES AND BENEFITS

- ▶ Compatible with other workover/completion fluid additives and functions in the presence of contaminants such as mud solids and oil.
- ▶ Can be used in all brine completion and workover fluids.
- ▶ Silicon-based defoamers are generally more persistent than organic defoamers and are effective for longer periods of time.

RECOMMENDED TREATMENT

- ▶ 2.5 gal/100 bbl (0.06% by volume).

SAFETY AND HANDLING

- ▶ Please refer to the product's Safety Data Sheet.

PHYSICAL PROPERTIES

Appearance

White opaque liquid

Odor

None

Specific Gravity

0.96 to 1.06 @ 68°F (20°C)

Pour Point

28°F (-2°C)

pH

6.0 to 8.0

Water Solubility

Dispersible



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