

ANTI-FOAM XLRT

ANTI-FOAM XLRT* additive is a low-toxicity blend of defoaming agents formulated to control foaming in freshwater or seawater drilling fluids and viscous brine systems.

Typical Physical Properties

Physical appearance	Clear colorless liquid
Specific gravity	1.0 @ 21° C / 70° F
Solubility in water	Insoluble
Flash point	229° C / 444.2° F
Freeze point.....	-20° C / -4° F
pH	8.5 in water/ethanol solution (at 1:10 ratio)

Applications

ANTI-FOAM XLRT additive is a wide-application product that reduces the foaming tendencies of water-base muds. It is compatible with freshwater and seawater drilling fluids, brine systems and all common additives. ANTI-FOAM XLRT additive has proven to be especially effective in KCl and seawater muds. ANTI-FOAM XLRT additive is easy to mix, works quickly, is effective in low concentrations and is a more persistent defoamer and anti-foam agent than alternative products.

Normal treatments of ANTI-FOAM XLRT additive range from 0.14 to 0.29 kg/m³ (0.05 to 0.10 lb/bbl). Severe foaming can require treatments as high as 0.57 kg/m³ (0.2 lb/bbl). The use of ANTI-FOAM XLRT additive is recommended to prevent foaming when making periodic treatments with organic materials and should be added in a location that allows the product to be incorporated into the entire circulating mud system.

Advantages

- Easy to mix, works quickly and is effective at low concentrations in a wide range of systems
- A persistent defoamer and anti-foaming agent
- Especially effective in KCl and seawater mud systems
- Controls foaming in fluids viscosified with polymers
- Helps stabilize pump pressure by removing trapped air and gas
- Low-toxicity product and environmentally acceptable at the recommended concentrations

Limitations

- May not disperse effectively in muds that have excessive gel strengths

Toxicity and Handling

Bioassay information is available upon request.

Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the Material Safety Data Sheet (MSDS).

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