**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 mud systems. 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).