



TIGER FOAM

Biodegradable Drilling Foam

Description

Tiger Foam is a biodegradable foaming agent that can be used in various types of drilling applications and used with fresh and brackish water.

Applications

Tiger Foam can be used in a variety of air drilling applications such as air/foam, air-gel/foam, mist drilling and stiff foams.

Advantages

- Improves hole cleaning and cuttings removal
- Reduces tendencies of clays to stick together
- Increases hole stability
- Suppresses dust during drilling operation
- Reduces erosion in poorly consolidated formations
- Environmentally friendly and does not pollute.

Typical Properties

Appearance	Yellow liquid
pH (1% Aqueous solution)	7.5. – 9.5

Recommended Treatments

Air Drilling – For use as a dust suppressant 0.5 – 1.5 litres per m³ or 0.1 – 0.2% of volume of injected water.

Foam Drilling – Added to injection water at a rate of 1.0 to 3.0% to maintain hole stability and increase penetration rate.

Stiff Foam Drilling – For unconsolidated formations, large diameter holes and loss circulation zones, a stiff foam can be used. A slurry of Tiger Foam and Tiger Drill can be added in a proportion of;

- Tiger Foam 10 – 15 litres/1000 litres
- Tiger Drill 1 -2 litres/1000 litres

The slurry is then injected into air stream to produce a thick stiff foam.

Packaging

Tiger Foam comes in 25kg drums.