VERSA FOAM

Foaming agent for air drilling



Description:

Versa Foam is an ultra high-yielding, biodegradable, liquid foaming agent for use in dry air rotary drilling or mixed with fresh or salt water for foam rotary drilling.

Functions:

- Mixes easily in fresh or salt water
- Provide a technique for drilling in environmentally sensitive areas
- Improves the hole-cleaning capability of the air stream and enhances the rate of cuttings removal
- Reduces hydrostatic pressure and increases the lifting of large volumes of water
- Counteracts the sticking tendencies of wet clays, thereby eliminating mud rings and wall packing
- Reduces the erosion of poorly consolidated formations
- Provides a technique for drilling in zones with lost circulation
- Increases borehole stability
- Lubricates and cools the bit, improving penetration rate
- Reduces the air-volume requirement
- Suppresses dust during air drilling operation

Benefits:

- High quality, high expansion foam with a consistency similar to shaving foam
- High stability with long half-life (retention time)
- Readily undergoes primary and ultimate (>99%) biodegradation
- Versatile and compatible with various types of make-up water
- Reduces the potential for bit balling
- Fast and efficient mixing in fresh and salt water

Versa Foam	% by Volume	Mixing / Injection Procedure
Foam Drilling	System 0.01 - 1%	Add Versa Foam to the injection water and inject into the air stream at a rate necessary to maintain hole stability and penetration rate. Increase amount of Versa Foam as required to compensate for size of cuttings and down hole dilution.

Packaging: Versa Foam is packaged in 25 litre plastic drums or in 195 litre drums.