

ULTRAFOAM™ EU



ULTRAFOAM EU liquid foaming agent is an anionic surfactant which can be added to fresh water for air/foam, air/gel-foam or mist drilling applications. ULTRAFOAM EU is primarily used in drilling operations involving unstable formations and large diameter holes, or alternatively when risk of lost circulation is heightened.

ULTRAFOAM EU produces high quality foam of an ideal consistency for efficient air-foam drilling. The product is based on high quality expansion foam with a consistency similar to shaving foam. Using ULTRAFOAM EU enhances the efficiency of cuttings removal and increases the ability to lift large volumes of water. ULTRAFOAM EU reduces sticky tendencies of wet clays, minimizing the risk of mud rings and wall packing.

Functions

- Reduces erosion of poorly consolidated formations.
- Increases borehole stability.
- Promotes efficient hole cleaning.
- Reduces air volume requirement.
- Reduces sticking tendencies of wet clays.

Advantages

- High stability with excellent retention time.
- High expansion foam with consistency similar to shaving foam.
- Higher flash point allows easier shipping.
- Useful in multiple applications.

Foam mixing/injection procedure	Add ULTRAFOAM EU to injection water. Inject into the air stream at a rate necessary to maintain hole stability and penetration rate. Increase amount of ULTRAFOAM EU as required to compensate for downhole water dilution.
To build a stiff-foam drilling system	Mix NO-SAG 0.5 - 1 kg/m ³ and/or EZ MUD 1 - 2 l/m ³ with water before adding ULTRAFOAM EU. Inject into the air stream at a rate necessary to maintain hole stability and penetration rate.

