

AMC SUPERFOAM™

Foaming Agents & Detergents

IMDEX™

Description

SUPERFOAM™ is a general-purpose foaming agent that can be used in fresh and saline water. SUPERFOAM is biodegradable and is therefore well suited to all air drilling applications.

Application

SUPERFOAM may be used in a variety of air drilling operations, ranging from simple air drilling to stiff foam drilling where the foam is reinforced using viscosifiers. Stiff foam applications include areas of severe lost circulation, large diameter holes and unconsolidated formations.

SUPERFOAM will reduce air volume requirements by increasing the ability of the air stream to lift cuttings. SUPERFOAM also reduces the tendency of soft clays to stick together.

Recommended Treatment

Mist Drilling

SUPERFOAM should be mixed with water at 0.25 – 0.5 % by volume and injected into the air stream. The rate of injection will depend on hole size, compressor output and water flow rate etc.

Foam Drilling

If water flow rates are high and compressor limits are reached, up to 0.5 – 1.5 % by volume of SUPERFOAM™.

Stiff Foam Drilling

Stiff foam can be prepared by adding 1 – 1.5% SUPERFOAM to a base fluid with a funnel viscosity of 35 – 45 seconds and then applying this mixture down hole.

Advantages

- Rapidly generates high volumes of highly stable foam
- Reduces air requirements
- Effective dust suppressant
- Reduces borehole erosion when drilling poorly consolidated formations
- Improves hole cleaning
- Reduces the tendency of softer clays to stick together
- Environmentally acceptable.

Typical Physical Properties

Appearance:	Fluorescent yellow liquid
Solubility:	Soluble in water
pH:	7 – 9.5

Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.

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