

AMC DEFOAMER S™

SPECIALTY PRODUCTS & CHEMICALS



Description

AMC DEFOAMER S™ is a silicone based all purpose defoamer and anti-foamer for use in water based drilling fluids. It is designed to reduce surface tension and break foam bubbles over a wide variety of conditions.

Application

AMC DEFOAMER S™ may be added directly to the mud system to treat an existing foaming problem or it may be mixed routinely into the system to ensure problems relating to foaming do not arise. It performs in a variety of media encountered in oilfield, large diameter HDD and mineral drilling. This is more effective if diluted up to 5 times with water and sprayed on the surface of the mixing tank or pit. During circulation it is more effective if added via the mud channel, desander or degasser tanks.

Typical Physical Properties

Appearance: Milky white liquid
 Specific gravity: 0.98 – 1.02
 pH (as supplied): 7.7 – 8.2

Recommended Treatment

A treatment of 2 – 4L / m³ (0.7 – 1.4lb / bbl) should be added directly to the surface of the fluid. Diluting up to 5 times and spraying directly onto a foam surface can increase the effectiveness of the product.

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

Advantages

- It is immediately effective
- It is cost effective as only small quantities are required to treat the mud system
- The product is compatible with drilling and completion fluids
- Effective over a large pH range
- Excellent dispersion in aqueous media
- Good dilution stability
- Excellent foam control persistence
- Chemically inert and non-toxic
- Reduces corrosion caused by entrained air in drilling fluids.

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