

# Diacel<sup>®</sup> ATF Liquid Cement Antifoam Additive



Diacel<sup>®</sup> ATF Liquid Cement Antifoam Additive is an antifoaming agent for cement slurries, and it is compatible with all commonly used cement additives. Diacel<sup>®</sup> ATF Liquid Cement Antifoam Additive should be added to all cement slurries for the prevention of air entrapment in the slurry during mixing. Air entrapment can result in several mixing problems. In extreme cases of air entrapment, transfer pump cavitation may occur. More commonly, air entrapment will cause the slurry density to appear lower than desired when determined by common density-measuring devices. If the actual slurry density is increased to account for the apparent deficit, negative effects occur. These effects include an increase in the slurry viscosity, reduction in the slurry volume, and reduction of the thickening time.

## Application Areas

- All API classes of cement
- Freshwater, saltwater, or seawater slurries

## Typical Range of Use

**Temperature** no limit

**Concentration** 1 quart/10 bbl of mix water

**Density** no limit

## Physical Properties

- Clear liquid
- Specific gravity = 1.00 g/cm<sup>3</sup>
- Disperses in water

Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Drilling Specialties Company does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.