

DEEP-TREAT™

WETTING AGENT

Product Description

DEEP-TREAT™ wetting agent is a solid powder oil-wetting agent that can be added to invert emulsion drilling fluids to reduce flow properties and gel strengths. DEEP-TREAT wetting agent should be added in small quantities because it is highly-efficient and fast-acting. Overtreatment of a system with DEEP-TREAT wetting agent can lead to very low flow properties, which can be difficult to restore to optimum levels for drilling and cleaning a wellbore. DEEP-TREAT wetting agent is suitable for use in INVERMUL® and ENVIROMUL™ drilling fluids.

Applications/Functions

DEEP-TREAT wetting agent can be used in invert emulsion muds during deepwater operations to minimize viscosities in the riser and thin downhole fluids.

Advantages

- » Stable Formulated specifically for deep water invert emulsions
- » Helps reduce problems associated with high viscosities such as lost circulation

Typical Properties

- » Appearance: Cream colored flake
- » pH, (10% aqueous solution): 6.5 to 8.7

Recommended Treatment

Add DEEP-TREAT wetting agent through the hopper directly to the mud system.

- » In environments of <200°F (<93°C): Add in concentrations of 0-6 lb/bbl (0-17.1 kg/m³)
- » In environments of >200°F (>93°C): Add in concentrations of 0-3 lb/bbl (0-8.6 kg/m³)

Packaging

DEEP-TREAT wetting agent is packaged in 50-lb (22.7-kg) bags.

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