

# Drilling Detergent

## Description

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Drilling Detergent is a specifically formulated blend of anionic and nonionic surfactants. It can effectively reduce surface tension and wet the substrates when applied.

## Applications

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Drilling Detergent has multiple functions in drilling operations. It is normally added directly to drilling fluid. As it is highly surface active, it alters the surface tension of the liquid phase and the wettability of solid surfaces. It reduces bit balling increasing the rate of penetration. In addition it produces distinct solids that improves hole cleaning and solids removal.

## Features and Benefits

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- Reduces wear on bits and downhole tools
- Cost-effective
- Easy to use
- Readily available
- Environmentally Friendly

## Typical Properties

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Appearance	Liquid
Color	Light blue
Solubility in water	Soluble
pH	5-8

## Recommended Treatment

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Drilling Detergent is normally added at 0.1 to 0.2 lb/bbl (0.3 – 0.6 kg/m<sup>3</sup>) depending on the applications.

## Safety and Handling

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Prior to using this product, refer to the safety data sheet for information on use of personal protective equipment, safe handling, storage, transport, and disposal.

## Packaging

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Drilling Detergent is available in 55 gal (208 L) metal drum, totes and in bulk.

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