

Drilling Detergent

Wetting Agent

Description

Drilling Detergent, a blend of water soluble anionic surfactants, can be used in fresh or salt water and in low-solids muds as a wetting agent.

Applications/functions

- Increase the drilling rate by improving bit cleaning and release of cuttings from the bit surface
- Retard breakup of cuttings in the annulus
- Promote settling of cuttings at the surface.
- Counteract the sticking tendencies of clays and thereby reduce wall-packing, bit-balling, booting-off, and formation of mud rings

Advantages

- Increases drilling rate with concentrations as low as 1:1000 (0.1% by volume)
- Mixes easily
- Soluble in water
- Does not ferment
- Readily biodegradable

Typical properties

- | | |
|-------------------------------|--------------------------|
| • Appearance | Transparent clear liquid |
| • Flash point, PMCC), °F (°C) | >210 (99) |
| • pH (1% aqueous solution) | 9,5 |
| • Specific gravity | 1,025 |

Recommended treatment

Add 0,7-2,9 кг/м³ of Drilling Detergent to promote bit cleaning and to reduce stickiness.

Package

Drilling Detergent is packaged in 208L drums.
