

DefleCT™

Friction Reducer



Description

DefleCT™ friction reducer is a high molecular weight, anionic polyacrylamide liquid polymer emulsion aimed at providing lubricity and viscosity in ResurreCT™, Newpark's proprietary coiled tubing system. As a result, downhole pressures are reduced during coiled tubing pumping operations with the added benefit of solids removal.

Benefits

- Increases the lubricity of fluids, enhancing performance and mitigating pressures placed on coiled tubing pumping units
- Enhances the removal of solids from borehole
- Enhances slurry rheological properties, aiding in hole cleaning
- The high molecular weight, anionic polyacrylamide is non-fermenting

Application

DefleCT friction reducer is effective in sweeps to aid in hole cleaning and can also be applied to an entire fluid system. The product can be used in freshwater, seawater, and sodium or potassium chloride brines. DefleCT delivers a high degree of lubricity, therefore reducing pressures associated with pumping during coiled tubing operations. It can be added slowly through the hopper or over the top of a pit system. The container should be thoroughly agitated before use.

Treatment Recommendation

Typical treatment levels of DefleCT friction reducer range from 0.2-2.0 lb/bbl.

Typical Physical Properties

Appearance.....	White, viscous, opaque liquid
Flash Point	>201°F (94°C)
Pour Point.....	-20°F (-29°C)
Specific Gravity.....	0.98 - 1.08
Water Activity.....	30-35%

Handling and Storage

DefleCT friction reducer is extremely slippery when wet. Use appropriate hygiene, clothing, and personal protective equipment suitable for work being done. Review the SDS thoroughly before using this product.

Packaging

DefleCT friction reducer is available in 5-gallon (19-liter) pails and 275-gallon (1,041-liter) totes.