

DEFLONATE®

ProductDataSheet

FERRO-CHROME LIGNOSULFONATE DRILLING FLUID RHEOLOGY CONTROL AGENT

Description

DEFLONATE®, a chrome lignosulfonate, is a versatile deflocculant and gelstrength reducer, temperature stabilizer and filtration-control additive for use in all water-base systems.

DEFLONATE® additive is an excellent all-purpose deflocculant and fluid-loss-control agent. It is effective for viscosity control and fluid-loss reduction in all water-base mud systems, including freshwater, brackish water, seawater, salt, lime, gyp and potassium systems.

Applications/Functions

- Highly effective deflocculant and rheology stabilizer (reduces viscosity and gel strengths)
- Compatible with all water-base mud systems
- Temperature tolerance up to 350°F (176°C)

Advantages

- Helps reduce fluid loss
- Inhibits shale hydration
- Tolerant to most known mud contaminants

Recommended treatment

Normal treatments of DEFLONATE® additive range from 1 to 12 lb/bbl (2.85 to 34.2 kg/m³). Initial treatments usually range from 1 to 6 lb/bbl (2.85 to 17.1 kg/m³), depending on the mud system, solids concentrations and the desired results. The product is added easily to the system through the mud hopper. Due to the product's low pH, DEFLONATE® treatments require additional caustic soda, or an alternative alkaline material, to maintain a consistent pH. A normal ratio is one sack of caustic soda for every four sacks of DEFLONATE® additive. It is most effective in mud systems with an alkaline pH in the range of 9 to 11.

Typical properties

Appearance - Brown powder

Handling

Please refer to the MSDS for specific instructions

Packaging

DEFLONATE® is packaged in 50lbs (22.68 kg) or 55lbs (25 kg) bags.

Disclaimer: Prior to using this product, the user is hereby informed and cautioned to make their own determination and assessment of the safety and applicability of the product for the specific job. It is the final responsibility of the user to ensure that the product is suitable and the information is applicable to the user's specific application.



КЛОТО

Россия, 163012, г. Архангельск, ул. Кировская 10/2, info@cloto.ru