CFL

P405.9503

WBM Drilling

Product Description

CFL (Chrome free lignosulphonate) is a thinner for water base drilling fluids, which conforms to OCMA DFCP 8 specification.

Features and Benefits

CFL is an effective deflocculant in a wide range of water base drilling fluids systems. CFL is effective at temperatures in excess of 150?C (302?F). CFL provides fluid loss control and acts as an emulsifier of oil in water base drilling fluids.

International Shipping References

Transportation of CFL is not restricted by any regulatory agency.

Safe Handling Recommendations

Utilize normal precautions for employee protection when handling chemical products. Utilize appropriate respirator, gloves, goggles and apron. Refer to the Material Safety Data Sheet (MSDS) for this product prior to use.

Product Function

CFL is used to prevent salt flocculation of bentonite and to control rheology in high and low solids salt based drilling fluids. CFL minimizes the effects of high temperature gelation.

Recommended Treatment

Recommended treatment for C F L are generally 0.5–8.0 lbs/bbl (1.4–23.0 kgs/m³) depending upon solids content and degree of salinity. A pH range of at least 9 is required to ensure product solubility and effectiveness.

Standard Packing

CFL is packaged in 25 kgs multiwall paper sack.

Typical Physical Properties

- Physical State: Solid
- Reservoir Compatible: Non-Reservoir
- Sub Category: WBM Thinner
- SG value: 1.3
- pH (5% solution): 3 - 5
- Max Temperature: 302
- Category: Defloc./Thinners
- Product Tier: Regular
- Appearance: Black free flowing powder
- Bulk Density Kg/m³: 800 - 1000 kg/m³

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