

RESITEMP®XP

ProductDataSheet

CHROME-LIGNITE

WBM HTHP FLUID LOSS CONTROL / THINNER

Description

RESITEMP®XP chrome lignite is a specially formulated product designed for use as a thinner, thermal stabilizer, and fluid-loss-reducing agent in all water-base muds. It is an excellent additive for High-Temperature, High-Pressure (HTHP) filtration control and rheological stabilization for muds subjected to high temperatures.

RESITEMP®XP additive is used in water-base muds to reduce viscosity, increase rheological stability and inhibition, and improve filtration control. The effect of RESITEMP®XP additive is seen best in fluids exposed to higher temperatures. It can be used in muds of any salinity, from fresh to saturated salt, as well as to lime and gyp muds.

Applications/Functions

- stabilizes the fluid loss and rheology of water-base muds at temperatures up to 450°F (232°C)
- helps stabilize water-sensitive shale
- reduces filter cake thickness and HTHP fluid loss

Advantages

- compatible with all water-base mud systems
- particularly effective in freshwater and seawater mud systems

Recommended treatment

For saturated-salt or low-pH mud systems, pre-solubilize RESITEMP®XP in a lower-salinity, high-pH fluid. It can be added to the system through the mixing hopper. Depending on viscosity and fluid-loss requirements, 1 to 6 lb/bbl (2.85 to 17.1 kg/m³) may be required. Higher temperatures will require increased concentrations up to 12 lb/bbl (34 kg/m³). Improved HTHP filtration control and rheological stability under adverse conditions, such as high temperatures, may require greater concentrations. For improved mud system and product performance, the pH should be maintained at 9.5 or greater.

Typical properties

Appearance - Dark brown to black powder

Handling

Please refer to the MSDS for specific instructions

Packaging

RESITEMP®XP 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