# QUICK THIN CRL

**P417.0802**

**WBM Drilling**

## Product Description

Quick Thin CRL is a thinner to be used as an additive for HTHP filtration control and stabilize the rheology of the water based systems at high temperature.

## Product Function

Quick Thin CRL is used to improve the filtration control, reduce viscosity and increase rheological stability in water base muds exposed to high temperatures. Quick Thin CRL is presolublized in lower salinity, high pH fluid when used with saturated salt or low pH mud systems.

## Features and Benefits

Quick Thin CRL is compatible with all water base mud systems and very effective in fresh and sea water mud system. Quick Thin CRL is effective at temperatures up to 450 ?F (232 ?C). Quick Thin CRL reduces differential pressure sticking tendencies by reducing the filter cake thickness and HTHP fluid loss. Quick Thin CRL contains the chrome in $Cr^{+3}$ valance state. Quick Thin CRL is excellent soluble in water based systems, and remains active in presence of contaminants.

## Recommended Treatment

Recommended treatment for Quick Thin CRL is generally 2.0 – 8.0 lbs/bbl (5.7 – 22.8 kgs/$m^3$). For improved HTHP filtration control and rheological stability under adverse condition may require greater concentrations. A pH range of at least 9.5 and above is required to for product performance for improved mud systems.

## International Shipping References

Transportation of Quick Thin CRL is not restricted by any regulatory agency.

## Standard Packing

Quick Thin CRL is packaged in 50 lb (22.7 kgs) multiwall paper sacks.

## 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.

## Typical Physical Properties

- Physical State: Solid
- Reservoir Compatible: Non-Reservoir
- Sub Category:
- SG value: 1.3
- pH (2% solution): 9.0 - 10.5
- Max Temperature: 450
- Category: Defloc./Thinners
- Product Tier: Regular
- Appearance: Black free flowing powder
- Bulk Density Kg/$m^3$: 800 - 900

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