

# MESUCO-CRL

## CHROME LIGNITE

### DESCRIPTION

MESUCO-CRL is a specially selected, highly water soluble lignite material which has been complexed with chrome. It is a fine, dry powder, easy to disperse in the drilling mud system.

Appearance	Dark, free-flowing powder
Solubility	Readily soluble in NaOH solution
Moisture Content	Shall not exceed 15% (@ plant)
Caking Tendency	Material shall not show any caking tendencies after heating to 50 °C for a minimum of 5 hours.

### APPLICATION

MESUCO-CRL is a versatile product. It is used as:

- A deflocculant in fresh water muds
- As an emulsifier in sea water muds
- As a water loss control agent in all water base drilling fluid systems

MESUCO-CRL complements other mud thinners, such as lignosulfonates, and reduces the need for other filtration control agents. MESUCO-CRL is highly soluble in normal pH muds, is stable at high drilling mud temperatures, and has good tolerance for soluble contaminants.

### RECOMMENDED TREATMENT

As a deflocculant in fresh water muds and as a emulsifier in sea water muds, 1.0 to 3.0 ppb (2.9 to 8.6 kg/m<sup>3</sup>). As a filtration control agent in all water base mud systems a concentration of between 2.0 to 8.0 ppb (5.7 to 22.8 kg/m<sup>3</sup>).

### PACKAGING

MESUCO-CRL is normally packaged in 50 lb export paper bags. Special bags such as a polypropylene outer bag as well as palletization, shrinkwrapping, banding, etc., is available on request.

MESUCO-CRL is a Messina trademark