



## MESUCO-CL

### CAUSTICIZED LIGNITE

#### DESCRIPTION

MESUCO-CL is a special selected lignitic material which has been solubilized with caustic soda for improved solubility in water based drilling mud systems. It is a fine, dry powder, easy to disperse in the drilling mud system.

MESUCO-CL is highly soluble in normal pH muds, is stable at high drilling mud temperatures, and has good tolerance for soluble contaminants.

#### APPLICATION

MESUCO-CL 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-CL complements other mud thinners, such as lignosulfonates, and reduces the need for other filtration control agents.

#### RECOMMENDED TREATMENT

As a deflocculant in fresh water muds and as an 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-CL 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-CL is a Messina trademark