



# Product Data

## RAPID LIG-C™

THINNER / FILTRATION CONTROL ADDITIVE

### **Description:**

Rapid Lig-C™ is a chrome-free water-soluble form of processed North Dakota origin lignite (Leonardite) for use as a rheology stabilizer and fluid loss control additive in water-base mud systems.

### **Advantages:**

- ⇒ Contains high amounts of solid humic acid.
- ⇒ Improves fluid loss control when used in lignosulfonates.
- ⇒ Effective in drilling muds up to 350° F (177° C).

Rapid Lig-C™ causticized lignite may be used in mud systems having a broad range of salinity, pH, calcium, and total solids. Rapid Lig-C™ is also an effective oil/water emulsion stabilizer.

Appearance	Fine Black Powder
Moisture Content	10% to 13%
PH	9.0 to 9.5
Solubility in Water	75% to 85%
Specific Gravity:	1.5

### **Recommended Treatment:**

Normal Applications: 1 to 10 ppb

When using Rapid Lig-C™ with CLS, add 1 part Rapid Lig-C™ to 2 parts CLS for best results. Mix Rapid Lig-C™ at a uniform rate through a conventional jet hopper, mud suction pump, or directly to the pits.

Rapid Lig-C™ is generally unaffected by most commonly encountered mud contaminants, and is temperature stable to 350° F.

### **Handling:**

Rapid Lig-C™ is packaged in 50 lb. bags, palletized and shrink-wrapped. This additive is also available packaged in super-sacks and in bulk.

P. O. Box 81277 ♦ Lafayette, Louisiana 70598  
Tel: 337.291.2778 ♦ Fax: 337.291.2781

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