



## Ferrochrome Lignosulfonate KOL-FCLS

### PROPERTY

FCLS is concentrated sulphite pulp lignin, then substitution, oxidation complex and dry refined. The appearance is brown powder. FCLS is a thinner and fluid loss control agent used in drilling fluids. It has the characteristics of anti-high temperature, anti-salt and anti-Calcium etc. It is widely used in fresh water, salt water, saturated saltwater mud, Calcium treated mud and deep well and extra deep water mud. It can effectively stabilize the wall and reduce viscosity.

### TECHNICAL DATA

Item		Indexes
Appearance		Blackish brown powder
Material insoluble to water	%	$\leq 2.5$
Moisture	%	$\leq 8.5$
CaSO <sub>4</sub>	%	$\leq 3.0$
Total Fe	%	2.5~3.8
Total Cr	%	3.0~3.8
Cr complex	%	$\geq 75$
Fineness( remains through 0.66mm sieves)		$\leq 3.0$

### FEATURE

Add into mud directly, meantime match up with NaOH solution, make the PH reach more than 9, and then can effectively reduce viscosity, cutting and fluid loss control.

### PACKAGE & STORAGE

Packaging and transport in sacked with three package, 25Kg/sack or Ton Jumbo Bags. Kept away from fire, damage and leakage in store and transportation. Storage life is two years.