

## LIGNITE / HUMALITE DISPERSANT

**LIGNITE / HUMALITE** is a naturally-occurring coal product commonly known as Brown Coal, similar to Leonardite. LIGNITE / HUMALITE is used primarily as a thinner/dispersant and secondarily as a filtration control agent in water-based fluids.

### FEATURES AND BENEFITS:

- Thinner/dispersant/deflocculant.
- Reduces fluid loss and acts as an oil-in-water emulsifier.
- More effective at higher temperatures than lignosulfonates.
- Effective in fresh or salt water systems.

### RECOMMENDED TREATMENT:

3-30 kg/m<sup>3</sup>, depending on solids content of the drilling fluid.

### PHYSICAL PROPERTIES:

Appearance:	Black – brown powder
Specific Gravity:	1.3-1.8
Solubility:	Soluble (pH dependent)
pH:	4.5 (1% solution)

### MIXING/HANDLING:

Mix slowly through a conventional jet hopper. Refer to the SDS for specific precautions and handling requirements.

**MICROTOX® THRESHOLD: TBD**

**PACKAGING: 22.68 kg bag / 42 bags/pallet**