

## **SHARKCMC® L**

### **Product Description**

SHARKCMC® L filtration control additive is a technical-grade low-viscosity sodium carboxymethyl cellulose used to reduce filtration in fresh water and seawater mud systems up to 250°F. It is less effective in brines and saltwater and is not generally recommended to be used if the salinity exceed 50,000 ppm. SHARKCMC® L is used in high-viscosity, high solids or heavily weighted fluids and produces only slight increases in viscosity. Subject to bacterial degradation, a biocide should be used to prevent fermentation. SHARKCMC® L treated systems should be pretreated with either sodium bicarbonate or possibly citric acid prior to drilling cement.

### **Applications/Functions**

- Control filtration rates with minimal viscosity increase in freshwater and seawater mud systems
- Deflocculate some seawater muds when used in low concentrations

### **Advantages**

- Temperatures stable up to 250°F
- Widely available and an economic source of polymer fluid-loss control
- Concentrated chemical, very effective at small treatment levels

### **Typical Properties**

- Appearance: Off-white powder
- Specific gravity: 1.59
- pH (5% aqueous solution): 9-11

### **Recommended Treatment**

- Freshwater: 0.5-1.5 ppb
- Seawater: 2-3 ppb
- Add slowly through a mixing hopper at a rate of 10-20 min/sack

### **Package**

- 25 KG SACK