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## *Filtration Control Agent*

### **Description**

HT Polymer PAC-LVT, polyanionic cellulose, provides filtration control in most water-based drilling fluids. HT Polymer PAC-LVT at low concentrations can also be used to lower the viscosity of seawater and brine solutions.

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### **Applications/functions**

- Control filtration rates without significantly increasing fluid viscosity
- Encapsulate shale to prevent swelling and disintegration.

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### **Advantages**

- Effective in fresh water, salt water, and brine-based drilling fluids
- Effective in small concentrations for filtration control.
- Is stable at temperatures up to 356°F (180°C)
- Effective in moderate to high pH systems.
- Does not require a bactericide.
- Nontoxic

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### **Typical Properties**

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|----------------------------|---------------------|
| • Appearance               | White or tan powder |
| • Bulk density, lb/cu.ft.  | 40 – 55             |
| • pH (1% aqueous solution) | 7,75                |

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### **Recommended treatment**

Add 1.43-8.56 kg/m<sup>3</sup> of HT Polymer PAC-LVT slowly through the hopper.

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### **Package**

HT Polymer PAC-LVT is packaged in 25 kg sacks

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