

# THINNER

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## *Viscosity reducer*

### **Description**

THINNER, a ferrochrome lignosulfonate, can be used in all water based dispersions to effectively control rheology at temperatures approaching 350°F (177°C).

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### **Applications/functions**

- Reducing the viscosity of water-based drilling fluids.
  - Prevention of gelation at high temperatures.
  - Reducing the adverse effects of mortar contamination.
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### **Advantages**

- Provides additional fluid loss control.
  - Effective in environments with high calcium concentrations.
  - Improves the quality of the filter cake.
  - Effectively scavenges dissolved oxygen in drilling fluids.
  - Works in solutions containing lime, gypsum, fresh water, salt water.
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### **Typical properties**

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|-----------------------------|-------------------|
| • Appearance                | Dark brown powder |
| • pH, (1% aqueous solution) | 2,9               |
| • Specific gravity          | 1,12              |
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### **Recommended treatment**

Add 2.9-22.8 kg/m<sup>3</sup> THINNER.

*Note: When adding pre-hydrated bentonite to salt water solutions, add THINNER to reduce flocculation.*

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### **Package**

THINNER is packaged in 22,7 and 25 kg sacks.

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