

CMC-LV

Filtration Control Agent

Description

CMC-LV, sodium carboxymethyl cellulose, is used to control fluid loss in most water-based drilling fluids. CMC-LV in low concentrations can also be used to lower the viscosity of solutions based on seawater and salt solutions.

Applications/functions

- Контроль водоотдачи при незначительном увеличении вязкости раствора.
- Изолирует сланцы, предотвращая их набухание и разрушение при концентрации 0,7 кг/м³

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 248°F (120°C).
- Effective in moderate to high pH systems.
- Does not require a bactericide.
- Nontoxic.

Typical Properties

- | | |
|---------------------------------------|---------------------------------|
| • Appearance | White or yellowish brown powder |
| • Specific gravity, g/cm ³ | 1,6 |
| • pH (1% aqueous solution) | 8 |

Recommended treatment

Add 0,8-4,3 kg/m³ of CMC-LV slowly through the hopper.

Package

CMC-LV is packaged in 25 kg sacks.
