

CELOSE HE OL100000

Hydroxyethyl cellulose ether

Product description

CELOSE HE OL100000 is a high viscosity hydroxyethyl cellulose specifically designed for oilfield fluids. It optimizes the rheology by adjusting the viscosity of drilling fluids and enhances particle suspension. Its filter cake formation mechanism effectively controls fluid loss and reduces formation invasion. Meanwhile, it can maintain wellbore integrity to cope with complex downhole environments, reduce the friction between the drill string and the wellbore wall, and improve operational efficiency.

Application

Well Stimulation & Fracturing
Drilling & Completion Fluids
High-Temperature Well Operations
Reservoir Zonal Isolation

Benefits

Shear-thinning rheology control
Superior solids suspension
Reservoir-friendly fluid loss reduction
High-temperature stability
Salt-tolerant performance

Typical properties

Appearance	Off white powder
Solubility	Water soluble
Loss on dry, % max.	5
pH value	6-8.5
Viscosity, mPa.s	3500-5000 ⁽¹⁾ / 40000-50000 ⁽²⁾

(1) 1% solution in water, Brookfield LV 30RPM, SP.64, 25°C

(2) 2% solution in water, Brookfield RV 20 RPM, SP.6, 20°C

These properties are typical but should not be considered specifications. For detailed specification rates please consult the product Certificate of Analysis.

Package and storage

CELOSE HE OL100000 is packed in 25kg paper bag net. Supplied 24 Bags (600kg) on pallets each. CELOSE HE OL100000 is non-perishable powder. It is recommended to use the product in rotation on a first-in-first-out basis. The product should be stored in dry and clean conditions in its original packing and away from heat.