TROL

Organic Polymer / Viscosifier

Description:

TROL is a high molecular weight polyanionic cellulose, provides filtration control and viscosity in water based drilling fluids.

Applications/ Functions:

Controls filtration rates. Provides viscosity in fresh, hard, or salty water. Stabilise water sensitive formations. Improves the wall building and suspension properties of bentonite mud. Improves the hole cleaning properties of stiff foam and gel foam. Retards clay swelling and disintegration and the problems caused by sticky clays, such as mud rings and bit balling.

Advantages:

Effective in small concentrations. Effective in salt (NaCl, KCl etc) environments. Does not require the use of biocides.

Non-toxic and environmentally acceptable and is odourless, colourless and tasteless in a water solution. Can be used with other lubricants, and surfactants in fresh or salty water.

Recommended Treatments:

To stabilise water sensitive formations, 4 to 7kg per 1000ltrs of water. To reduce torque and reduce rod vibration, 0.5 to 2.0kg per 1000ltrs water. To improve the properties of bentonite mud, 0.5 to 2.0kg per 1000ltrs water. To improve foam performance, 0.5 to 2.0kg per 1000ltrs water. Slowly add through a verturi mixer or pre-mix with poly-unsaturated vegetable oil to form a slurry, and then add through the hopper.

Packaging:

TROL is packaged in 15kg pails.