

Technical Information

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Himoloc MG11M

Product for Oil & Gas

DESCRIPTION

Water-based product used as a friction reducer and additive for drilling fluids.

Better dissolution compared to emulsion and solid products.

Resistant to high conductivity systems.

The product is free of organic solvents, surfactants and volatile organic compounds (VOCs).

Its main ingredients are: polymer, salts and water.

CHARACTERISTICS

Type of product	: Cationic acrylamide copolymer in aqueous dispersion.
Appearance	: White milky liquid
Ionic character	: Cationic
Odor	: Salty odor
Density	: $\approx 1.2 \text{ g/cm}^3$
pH	: 3 – 5
Viscosity	: $\leq 2000 \text{ cP}$
Molecular weight	: High
Shelf life	: We recommend not keeping the product for more than 9 months

Note: The parameters indicated here are not necessarily the specifications of the product. These will be agreed with each customer and will be part of the contract that must be respected for each batch supplied.

APPLICATION

- Polymer for the formulation of drilling muds.
- The product is an effective friction reducer under high pressure, temperature and conductivity conditions.
- The product is usually applied after its previous dissolution in water. Sometimes it can be dosed as it is, thanks to its great ease of dissolution.
- This polymer is a rheological agent that reduces fluid losses and helps in the stabilization of clays.
- Avoid contaminating the product with any other water-based product; this would cause an incomplete dissolution that would be observed as a very significant increase in viscosity and the appearance of lumps.
- Consult our technical staff in case of any doubt.

BENEFITS

- Due to its action as a friction reducer, it protects the equipment and improves the energy efficiency of the drilling mud circulation system.
- Enhances stability against hydrolysis for applications like Fracking and SAGD.
- Creates a fluid of high, but closely controlled, viscosity.
- The rheological action of the product helps drag the crude towards the extraction well.

STORAGE AND DISTRIBUTION

- The product should be kept in a covered place, the container tightly closed, protected from sunlight and within the temperature range recommended in Section 7 of the Safety Data Sheet.
- Once the container is open, avoid contamination with any other water based product and/or with strong bases. Check the Material Safety Data Sheet.
- Take the habitual precautions when handling a chemical product. Avoid the product to contact with eyes, skin or clothes.
- There is a great variety of containers. Check with our Customer Service in order to choose the most convenient one.

REGULATORY

Consult our technical staff in case of any doubt.