

Technical Information

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Himoloc GAX973

Product for Oil & Gas

DESCRIPTION

Water based product for the formulation of drilling fluids.

A sulfonated anionic liquid polymer designed as a bentonite extender in a drilling fluid, increasing viscosity without flocculation and improving cuttings encapsulation and clay stabilization.

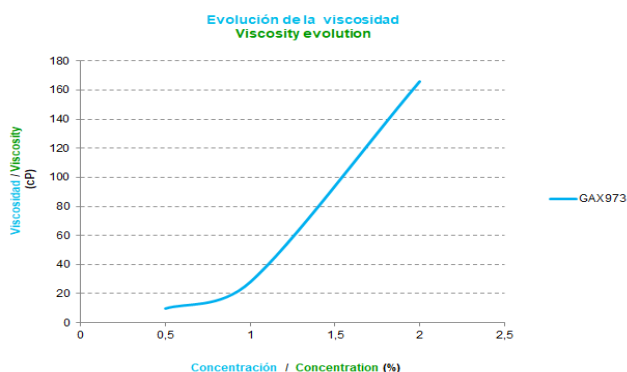
Better dissolution compared to emulsion and solid products.

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

CHARACTERISTICS

Type of product	: Water dispersion anionic polymer
Appearance	: White milky liquid
Ionic character	: Anionic
Odor	: Salty odor
Density	: $\approx 1,2 \text{ g/cm}^3$
pH	: 3,5 – 7
Viscosity	: < 400 cP
Viscosity uL	: 1,5 – 3,5 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

- Rheology modifier (viscosifier) for the Oil&Gas industry.
- Bentonite extender for drilling fluids.
- The product can be applied as is, or previously dissolved in water (by static mixer), depending on the type of application.

Consult our technical staff in case of any doubt.

BENEFITS

- Increases bentonite yield.
- Helps to improve solids control and fluid loss.
- Cuttings encapsulation and clay stabilization.
- Extends bit life due to better solids control.
- Mixing time is reduced due to lower bentonite concentration needed for the required rheology.
- Reduces overall drilling costs.
- Suitable for High Temperature and High Pressure systems.
- High hydrolysis resistant polymer.

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.
- For bulk product avoid metal tanks. Plastic materials are recommended (polypropylene, polyethylene...).
- 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.