

# Technical Information

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derypol

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## Himoloc MG12A

Product for Oil & Gas

### DESCRIPTION

#### Water based product for drilling fluids.

It may be used in several applications as fluid loss control agent for mud and cement, viscosifier, thickener, shale inhibitor, bentonite extender and also for drag reduction and hydraulic fracturing.

Better dissolution compared to emulsion and solid products.

Resistant to high conductivity systems.

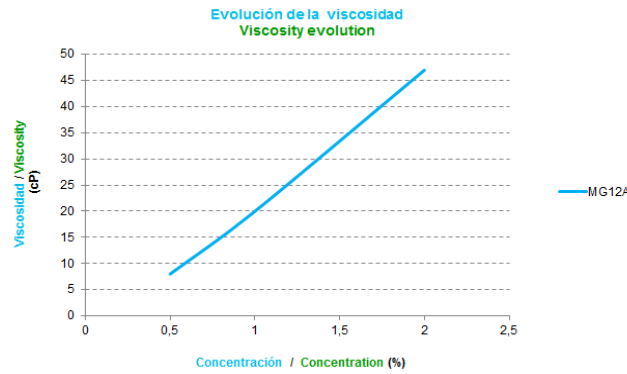
The product is free of organic solvents, surfactants and volatile organic compounds (VOCs).

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             | : 1.2 g/cm <sup>3</sup>  |
| Residual Acrylamide | : ≤ 250 ppm  |
| pH                  | : 3 - 5  |
| Viscosity           | : ≤ 2000 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

- The product can be used as it is, or previously dissolved in water, depending on the application.
- Clay stabilizer.
- Fluid loss control & viscosifier ingredient for drilling fluids.
- Rheologic agent for Fracking & SAGD (steam-assisted gravity drainage).
- Friction reducer for drilling fluids.

Consult our technical staff in case of any doubt.

## BENEFITS

- Prevent the migration or swelling of clay particles in reaction to water-base fluid.
- Controlling the charge and electrolytic characteristics of the treatment fluid.
- Enhances stability against hydrolysis for applications like Fracking and SAGD.
- Fluid loss additives help to retain the characteristics of the drilling fluids or cementing slurries, including viscosity, thickening time, rheology and comprehensive strength-development.
- Creates a fluid of high, but closely controlled, viscosity.
- HCl-Viscosifier for acid treatments.
- Alters fluid rheological properties.
- Liquid product for easy mixing and rapid yield.
- Salt media affinity.

## 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.