

# Q INHIBIDROL G

## Description

The Q INHIBIDROL G is a versatile clay inhibitor that combines glycol and polyamine. The components are designed to perform synergistically for enhanced shale inhibition. PHPA may be added to supply additional wellbore stabilization by the encapsulation of reactive formations and cuttings.

## Applications

The Q INHIBIDROL G is applicable where highly reactive formations are present and water based fluids are required. It has a small ionic radius that permits easy replacement in interchangeable places with the sodium ion, thereby effectively blocking possible hydration with water. Q INHIBIDROL G is compatible with most water based fluid products, and it is successfully used for formulating drilling fluids for intermediate sections containing water sensitive formations, and for clay containing reservoirs.

## Features and Benefits

- Excellent clay inhibition ability. Provides inhibition of reactive clays by suppressing hydration and swelling.
- Q INHIBIDROL G helps ensure borehole stability minimizing the risk of mud rings.
- CST test shows excellent inhibitive properties with very low concentrations.
- Aids in reducing dilution rates and will improve solids removal efficiency.
- Enhanced fluid lubricity.

## Typical Properties

Appearance	Liquid
Color	Clear
Specific Gravity	1.06
Solubility	Soluble in water
pH	6.6 – 7.6

## Recommended Treatment

Typical concentration ranges from 0.5 – 2.0 % by volume. Adjust product concentration depending on the fluid pH and formation reactivity. Additional product may be needed when fluid pH is above 10.5.

Avoid using strong anionic products such as thinners/dispersants to minimize risk of amine depletion.

## Safety and Handling

Prior to using this product, refer to the safety data sheet for information on use of personal protective equipment, safe handling, storage, transport, and disposal.

## Packaging

Q INHIBIDROL G is packaged in 55 gallons (208L) drums.

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