

# QMAX ACF

## Description

QMAX ACF is a solution of organic non-volatile multivalent amines in water, applicable for stabilization of water sensitive shale formations. Recommended to be used in water base fluids in drilling and workover operations.

## Applications

The QMAX ACF 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 a possible hydration with water. QMAX ACF is successfully used for formulating drilling fluids for sections containing water sensitive formations, and for clay containing reservoirs.

## Features and Benefits

- Effective clay inhibitor for water sensitive formations.
- Ensure borehole stability minimizing the risk of mud rings.
- CST test shows excellent inhibitory properties with very low concentrations.
- Core flow test has shown that QMAX ACF is a very effective clay stabilizer.
- Aid in reducing dilution rates and will improve solids removal efficiency.

## Typical Properties

Appearance	Liquid
Color	Clear
Specific Gravity	1.05
Solubility	100% Soluble
Odor	Mild

## Recommended Treatment

Typical concentration ranges 0,5 – 2.0 gpb. Using pH ranges greater than 10.5 will reduce effectiveness and will require higher concentrations to achieve the same efficiency.

## 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

QMAX ACF is available in 55 gallons (208 L) drums.

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