



# QMAXBREAK

## Description

QMAXBREAK is a filter cake breaker system designed to generate organic acid downhole. It also contains enzymes to be able to remove polymers adhered to the filter cake.

## Applications

QMAXBREAK uniformly remove filter cake damage across the entire producing zone to optimize well productivity. It helps remove the filter cake of polymer systems by degrading the polymer matrix and dissolving calcium carbonate and other acid soluble materials within the filter cake, which leads to increased permeability near well bore and higher well productivity.

A neutral acid precursor is introduced from the surface and is converted to acid downhole. This process could be delayed as required for specific downhole temperature conditions.

## Features and Benefits

- Effective breaker for natural and semi-synthetic polymers and for acid soluble materials
- Eliminates the need for costly stimulation techniques
- Optimize production
- Avoid worm-holing, gas coning and water breakthrough
- Enhance sand screen life
- Does not require complex disposal treatment
- Benign low-corrosivity formulation.
- Safer breaker option than bleach, oxidizing agents and acids.

## Typical Properties

Appearance	Liquid
Color	Clear
Specific Gravity	Varies
pH	5.0 – 6.0
Solubility	Soluble in water

## Recommended Treatment

QMAXBREAK system is prepared at the rigsite using different components at the recommended concentrations after performing pilot lab tests with the actual filter cake and QMAXBREAK system at downhole temperature conditions.

## 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

QMAXBREAK is prepared at the well site. All components are liquid in 5 gal/pail and 55 gal/drum.

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www.qmax.com – 11700 Katy Fwy, Ste 200, Houston, TX 77079 – Tel.: +1 (832) 672 4476