

PROBREAK 170

■Oxidative Breaker

> **PRODUCT DESCRIPTION**

ProBreak 170 is a white crystalline oxidizing breaker that is readily soluble in water. ProBreak 170 can be added to viscous polysaccharide gum and polyacrylamide gels to destroy the gel viscosity. ProBreak 170 will oxidize the polymer backbone causing it to become less viscous. ProBreak 170 works to break viscous polysaccharide gel solutions prepared from guar, HPG, CMHPG, HEC or CMHEC and all polyacrylamide based friction reducers.

> **PACKAGING**

ProBreak 170 is available in 55 lb. pails.

> **RECOMMENDED APPLICATION**

The rate of ProBreak 170 action is strongly temperature dependent with little oxidative degradation at temperatures below 120°F. At temperatures below 120°F an activator is required. Typical concentrations used are 0.1 – 1 lbs/1000 gal. Often ProBreak 170 exhibits a threshold effect where a small increase in quantity will cause a major decrease in break time. If a reliable, accurate solid additive dispenser is not available it is best to prepare a solution of ProBreak 170 and meter in the appropriate liquid volume. If made into a liquid the solution should be used within 12 hours.

ProBreak 170 is an oxidizer. A compatibility test is advised before use. Avoid contact or mixing with other oxidizing agents, organic compounds, fuels, acids or bases, etc.

Typical Physical Properties

Bulk Density (lb/ft ³)	67 - 73
Specific Gravity	1.98
Solubility Water	Water

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