

BREAKERS

Releasing production potential.

Take control and improve production with high performance breakers tried and tested for optimal proppant placement and enhanced fluid clean-up.

Breaker performance is pivotal for the ultimate success of a fracturing fluid. Precise control of the fluid's viscosity profile can be achieved with proper breaker selection and lead to significant improvement in overall production. Select from a wide range of applications with surface and delayed breakers formulated to augment viscosity profiles and optimize fluid performance. Rockwater breakers are packaged to your specifications to allow safe and easy handling in the field.

Product	Activity	Description
BRK - 401	Non-Delayed	Ammonium Persulfate
BRK - 461	Non-Delayed	Sodium Persulfate
BRK - 471	Delayed	Encapsulated Ammonium Persulfate
BRK - 472	Delayed	Encapsulated Ammonium Persulfate; High Temp
BRK - 474	Delayed	Encapsulated Sodium Bromate; Ultra-High Temp

LAB SERVICES

Our lab services are staffed by experienced chemists and engineers who assess different aspects of your well and fluid systems to formulate solutions that boost productivity and prevent issues over the life of the well.

- Quality control and assurance
- Polymer solution viscosity profiling
- Shear stability testing
- Cold climate stability testing
- Additive compatibility analysis
- Flow loop differential pressure testing

DISTRIBUTION & WAREHOUSING

Rockwater is your supply chain partner with a proven track record and a warehousing footprint in every major North American shale basin. We deliver the chemicals you need in a safe and efficient manner, while providing visibility every step of the way to keep your completion on schedule and on budget.

- 24/7 in-house customer service support
- Distribution centers in all major basins
- Extensive logistics automation improves dispatch and compliance
- Smith System[®] trained drivers with HAZMAT and Tanker Endorsements



BRK-401

Oxidizing breaker of ammonium persulfate in a powder that is readily soluble in water on location. With BRK-401 fracturing fluid viscosity can be reduced to near the viscosity of water allowing for a better return of the fluid to the surface.

BRK-461

Liquid hemi-cellulase breaker concentrate formulated to effectively reduce the viscosity of both derivative and standard guar gels and crosslinked fluids. Typical ranges for optimum efficiency include pH 3.0 – 7.0 and temperatures up to 150°F.

BRK-471

Encapsulated oxidizing breaker that slowly releases ammonium persulfate to break guar and derivatized guar based fracturing fluids where application temperatures are less than 140°F. Higher concentrations of BRK-471 can be used without compromising fluid viscosity during proppant placement.

BRK-472

High temperature encapsulated oxidizing breaker that slowly releases ammonium persulfate to break guar and derivatized guar based fracturing fluids at 140-230°F. Higher concentrations of BRK-471 can be used without compromising fluid viscosity during proppant placement.

BRK-474

Ultra-high temperature solid encapsulated breaker that slowly releases sodium bromate allowing for a delayed break. BRK-474 is generally used where application temperatures are greater than 235 °F and more typically, above 250°F.