

### DESCRIPTION

HTB-717L is an effective oxidizing breaker designed to provide consistent viscosity and break slowly in gel based fracturing fluid systems. It is effective at temperatures up to 300°F. HTB-717L is useful in fracturing fluids of pH ranges of 7 – 12. Case specific parameters should be considered when selecting appropriate dosage levels.

Typical dosage levels are based on needed break time, temperature and concentrations. Prior laboratory testing is recommended to determine exact concentrations in each particular situation.

### ADVANTAGES

- Provides consistent viscosity and breaks slowly
- Breaks slowly throughout process
- Effective at temperatures up to 300°F
- Can be used in high concentrations
- Useful in pH ranges of 7 - 12

### PHYSICAL PROPERTIES

**APPEARANCE:** Clear Yellow Liquid  
**SPECIFIC GRAVITY:** 1.195 Typical  
**DENSITY (LBS/GAL):** 9.97 Typical  
**ACTIVITY (%):** 10.0%  
**pH (neat @ 25°C):**  
**SOLUBILITY IN WATER:** soluble in water and brines  
**FREEZE POINT (°F/°C):** -12 / -24 Typical

### HANDLING AND STORAGE

**CORROSIVE LIQUID!** Use appropriate PPE and provide ventilation.  
 Refer to Material Safety Data Sheet (MSDS) for handling and hazard data.

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