



ThinFrac™ PW

MINIMIZING FRESHWATER REQUIREMENTS

APPLICATIONS

- Fracutring operations using produced-water sources
- Hydraulic fracturing operations in conventional and unconventional reservoirs

FEATURES & BENEFITS

- Specially designed for produced-water applications, enabling efficient water management and reducing costs
- Superior tolerance to mix waters, including brines
- Eliminates most flowback and produced water disposal
- Minimizes pad and fluid volumes

OVERVIEW

ThinFrac Produced Water (PW) fracturing fluid is specially designed to deliver predictable, effective performance when using produced water from the wellsite. The fluid is based on total dissolved solids (TDS) in the source water and water temperature. ThinFrac PW performs in waters with TDS levels up to as 300,000+ mg/L and at temperatures as high as 300°F (150°C).

TYPICAL PROPERTIES

TYPICAL APPLICATION TEMPERATURE RANGE	150°F to 300°F (66°C to 150°C)
TYPICAL TDS RANGE	50,000 to 300,000+ mg/L
APPLICABLE pH RANGE	4.5 to 6.5

