



ThinFrac™ MP

MAXIMUM PERMEABILITY (MP) FRICTION REDUCER WITH INSTANTANEOUS HYDRATION

APPLICATIONS

- Slickwater fracturing operations at 0.25 to 1.00 gpt in fresh water up to mid-TDS brine
- Superior proppant transport at higher concentrations in fresh water

FEATURES & BENEFITS

- Fast hydration, including cold temperatures
- Reduces pipe friction by up to 80%
- Minimizes horsepower requirements
- Enhances proppant transport
- Precise breakability for improved permeability
- Proven technology across North America

OVERVIEW

ThinFrac MP is an anionic friction reducer that enhances proppant transport with an engineered, breakable backbone. It works in fresh water up to mid-total dissolved solids (TDS) brine. The extremely rapid hydration speed of ThinFrac MP enhances operational efficiency and minimizes horsepower requirements. It is engineered to have breakable bonds that cause minimum or no formation or proppant pack damage.

This one-solution system can achieve superior proppant transport over other conventional, multi-fluid systems. ThinFrac MP is compatible with common additives used in fracturing applications such as scale inhibitors, clay stabilizers and surfactants.

TYPICAL PROPERTIES

APPEARANCE	Opaque, off-white liquid
FREEZING POINT	< -20°F (-29°C)
CHARGE	Anionic
SPECIFIC GRAVITY	1.06