



ThinFrac™ E FRW-15C

ENHANCES OPERATIONAL EFFICIENCY

APPLICATIONS

- Slickwater fracturing operations
- Coiled tubing operations

FEATURES & BENEFITS

- Reduces pipe friction by up to 80% when compared to conventional fluids
- Minimizes horsepower requirements
- Enables increased treatment rates within pressure limitations
- Fast, accurate metering and mixing
- Applicable in cold-weather applications due to low pour point

OVERVIEW

ThinFrac E FRW-15C fresh water friction reducer is a non-damaging polyacrylamide polymer. Under normal shear conditions, ThinFrac FRW-15C can reduce pipe friction by as much as 80%, enhancing operational efficiency and minimizing horsepower requirements. Designed to improve water-based fracturing operations, it is effective with fresh water, brines and low-pH fluids. It is also compatible with common additives used in slickwater fracturing applications such as scale inhibitors, clay stabilizers and surfactants.

TYPICAL PROPERTIES

APPEARANCE	Off-white liquid
pH	7 to 8
SPECIFIC GRAVITY	1.02 to 1.11
FREEZING POINT	< -4° F (-20°C)
DENSITY	8.92 lb/gal (1,068.85 kg/m ³)
SOLUBILITY	Water
IONIC CHARGE	Anionic