FFR 820 FRICTION REDUCER

With the reintroduction of “Slick Water Fracturing Treatments” to the oil and gas industry, reducing pipe friction while pumping at high rates is essential.

FFR 820 is a multipurpose, high molecular weight, anionic friction reducer that will effectively reduce pipe friction. FFR 820 is an AMPS co-polymer designed to reduce friction in water-based fracturing, acidizing, and brine applications. FFR 820 can drop friction pressure by up to 70%.

It is especially effective in high hardness fluids and in fluids with temperatures below 40 degrees Fahrenheit.

Product Benefits:
• Highly effective anionic friction reducer
• Designed for use in fresh water, acids, and brines
• Especially effective in high-hardness water
• Inverts rapidly at temperatures below 40 degrees Fahrenheit
• Cost effective due to low dosage concentrations
• Minimum hydraulic horsepower usage due to lower surface treating pressures

Typical dosage rates range from 0.25 to 1.0 gallons per 1,000 gallons of treating fluid. In most cases, 0.5 gallon per 1,000 gallons is sufficient. FFR 820 may be either batch mixed or added on the fly.