

WZZ-904 Salt Inhibitor

Prevents precipitation of sodium chloride crystals from high chloride brines; eliminates salt buildup on meter runs, tubular goods, chokes and other equipment

Applications:

- For producing gas wells, a continuous injection of 500 ppm of produced water volume greatly reduces the frequency of or eliminates salting in the well, which reduces the volume of fresh water injection.
- A batch (squeeze) treatment can also be performed on producing gas wells by injecting 2 to 5% of WZZ-904 (based on the volume of produced water) with 10 bbl of fresh water through coiled tubing.
- For a combination cleaning and well unloading treatment, a foamer can also be added at the rate of 5 gallons per 100 gallons of fresh water.
- Dosage requirements will vary with brine, temperature changes, solids concentration, pH, and equilibrium time.

Features and Benefits

- Controls salt deposition in producing wells over the wide temperature and pressure ranges encountered, from the bottom of the hole to the surface
- Removes salt deposits by allowing treatment fluids to carry very high (up to 40%) salt saturation, which means that the salt water can even be used to dissolve more salt
- Works with dispersant and scale treatments such as phosphonates and phosphate esters

Specifications

Physical Properties

Appearance	Clear, amber liquid
Specific gravity	1.11 to 1.14
Density	9.25 to 9.50 lb/gal
Flash point (TCC)	>200° F (>93C)
pH (neat)	4.5 to 6.5
Solubility in water	Complete

