



JET SCALE 4306

SCALE INHIBITOR

GENERAL DESCRIPTION

JET SCALE 4306 is a high quality phosphonate type inhibitor for the prevention of calcium and barium scale in tubing, surface equipment and flow lines. It is a threshold inhibitor that prevents scale crystal growth and adherence to metal surfaces.

APPLICATION

JET SCALE 4306 prevents scale deposition and plugging in downhole and surface equipment and flowlines.

Add JET SCALE 4306 continuously to the system upstream of point where the scaling takes place.

Concentrations of 10-200 ppm may be needed for waters with high scaling tendencies.

Recommended treatment is by continuous addition or squeeze. It may be added to a sidestream for treating pumping wells, and by chemical or capillary tubing for treating flowing wells. Add to injection gas to protect gas lift wells.

For a squeeze application, dilute in produced water or fresh water 10-20% and displace back 10 meters(30 feet) into the formation. Preflushing with water containing a surfactant/wetting agent may improve the squeeze life.

Contact your local Chemject representative for recommendations on a specific well. Each well treatment is designed on the basis of water produced, length of scale squeeze desired, and thickness of the producing formation.

Squeeze life can be calculated from the daily water production rate versus the amount of JET SCALE 4306 squeezed into the formation. The squeeze should be repeated when the concentration of JET SCALE 4306 drops below 5 ppm level.

TYPICAL PHYSICAL PROPERTIES

Specific Gravity	1.108
Density, lb/gallon	9.23
Flash point PMCC	53 °F
PH	2
Solubility, water	Soluble
Solubility, oil	Insoluble
Appearance	Light Brown
Physical form	Liquid

HANDLING

Normal precautions for industrial chemical apply. MSDS for specific instructions.

AVAILABILITY

JET SCALE 4306 is available in 55 gallon drums and bulk.