Typical Physical Properties

Appearance: Clear/ Amber
Physical State: Liquid
Odor: Mild
Specific Gravity: 1.055
Weight per Gallon: 9.30
Solubility in Water: Complete
pH: 6.5-7.5
Flash Point: > 240°F
Formula: Proprietary Blend

Product Information

SI-405 contains a synergistic blend of cationic surfactants formulated with a highly effective, broad spectrum water soluble scale inhibitor. The product is used in the treatment of producing oil and gas wells, water handling and injection systems, and pipelines. SI-405 provides excellent scale control in a wide variety of environments, including CO2, H2S, and in the presence of bacteria. The surface active agents in the product assist in dispersing oil, wet solids, and bacterial growth environments. SI-405 is highly effective in the control of both carbonate and sulfate scales. The SI-405 displays excellent solubility in most heavy brines and is thermally stable to 350°F.

Recommended Application:
- SI-405 is typically applied by continuous treating methods. Typical application rates range from 15 to 50 ppm depending upon the type of system being treated, the composition of the fluids, temperature, and the severity of the problem being encountered. An initial treating rate of 25 to 30 ppm based on water volume is recommended. Treating concentration optimization is obtained by system monitoring, water analysis data, and scale coupons.

Handling/ Safety
- SI-405 is available in 5 gallon pails, 55 gallon drums, 275 gallon IBC tote bins and in bulk. Safety Data Sheets are available outlining safe handling practices.

HMIS Rating
- Health: 1
- Flammability: 0
- Reactivity: 0
- Personal Protection: B

Differentiated with Added Value
- Cold Weather Package {to – 40° F}
- High Temperature {for environments above 400°F}

Technical Sales & Service
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