

SI-414N

Scale Inhibitor

SI-414N* is an aqueous sulphonated carboxylic acid copolymer scale inhibitor, developed to meet the demand for improved scale control in offshore oilfield production operations topside systems and downhole.

SI-414N has been formulated to have a high tolerance to calcium and function in an alkaline environment similar to that found in water based drilling formulations.

Typical Physical Properties

Appearance	Amber liquid
Density	1.20 g/cm ³ @ 20°C
Pour point	<-5°C
Flash point	>100°C
pH, concentrated product.....	5 - 7
Solubility.....	Water

Application

SI-414N inhibitor is primarily designed to inhibit the formation of barium / strontium sulphate scales in produced fluids. SI-414N should be continually injected upstream of where scale nucleation occurs at a dose rate between 5 and 50ppm depending on severity of the scaling regime. For drilling applications dose rates will be significantly higher due to the application time a specific recommendation will normally be made for each application.

Handling, Safety and Environmental Properties

A separate Material Safety Data Sheet is available for this product.



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