

SCi7775

Iron Control Scale Inhibitor Water-Flood Conditioner



Technical Information 10.09.18

PRODUCT DESCRIPTION

SCi7775 uses a synergistic blend of high-performance additives to achieve a unique level of scale control in oilfield systems. High activity chelants are able to effectively inhibit iron cations in the presence of elevated calcium and high Total Dissolved Solids (TDS). It is particularly effective at both retarding the formation of Iron Sulfides as well as over time removing Iron Sulfide deposits. It also has strong water wetting capacities for removing oil filming on scales and keeping scaling cations soluble in mixed pH regimes.

APPLICATION AND USAGE

SCi7775 can be continuously injected into water injection systems to prevent the formation of mineral scaling including Iron Sulfides. It also inhibits other types of scale including calcium/iron carbonate and calcium/barium sulfate. SCi7775 has secondary anti-microbial activity for water conditioning.

PHYSICAL PROPERTIES

Appearance : Dark Amber Liquid

Specific Gravity : 1.07 @ 25°C

Pour Point : < - 40°C

Flash Point : 38°C

pH Factor : < 2.0

Solubility : Miscible in Water

HANDLING AND STORAGE

Use caution when handling SCi7775. Proper PPE is recommended when handling. Consult MSDS prior to handling. Please check for compatibility prior to blending with other chemicals.

Store SCi7775 in a cool dry place

AVAILABILITY

SCi7775 is available in bulk or drum quantities.