

Chloride Salt Control (CSC)

IMPROVE RELIABILITY, THROUGHPUT, AND PROFITABILITY IN REFINERY PROCESS STREAMS

OVERVIEW

Athlon, a Halliburton Service, knows refiners want to improve throughput and reliability—doing so boosts profitability. Chloride salts create challenges in many refinery units, which limits the ability to achieve your operational goals.

Chloride salt control (CSC) technology is a patented, high-base strength chemistry that effectively removes and prevents salt formation in refinery process streams, displacing harmful ammonium chloride and amine hydrochloride salts. Instead of dispersing or moving these salts somewhere else, which alternative technologies on the market do, CSC creates a non-fouling, non-corrosive liquid salt.

In salt removal applications, the CSC displaces any other bases from existing deposits in order to form its own salt. In salt prevention, the CSC acts as a chloride scavenger that selectively forms a salt with the chloride in place of that salt's counter ion. The salt resulting from CSC technology has multiple advantages because of its low corrosivity and excellent mobility, which allows refiners to improve reliability, maximize unit flexibility, and increase or recover throughput and profitability.

BENEFITS

- » Fouling and corrosion control to improve throughput and reliability
- » No unplanned down time to clean or repair your equipment
- » CSC provides immediate performance feedback so there is no need for extended or lengthy trials
- » CSC helps manage salting as tower top temperatures are lowered so you can maximize distillate production
- » Leverage existing injection points in many cases
- » Increase revenue due to extended run times and improved asset capability



For more information, contact your local Halliburton representative
or visit us on the web at www.athlonsolutions.com

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