

FOAMSTOP low catalyst impact antifoams

What are FOAMSTOP low catalyst impact (LCI) antifoams?

Patented silicone-based coker antifoam technology, providing greater thermal stability than traditional silicone-based antifoams to reduce thermal breakdown in the coke drum



Up to 89% lower silicon carryover

Increased thermal stability results in reduced antifoam usage and less silicon distilling into coker products.



Extended hydrotreater catalyst life

Lower silicon in coker product streams reduces catalyst poisoning in downstream hydrotreating units.



Longer coke drum cycles

More effective foam control enables reduced outage levels and longer drum cycles.



Reduced OPEX via lower antifoam usage

More effective foam control requires lower antifoam usage on a comparative basis.

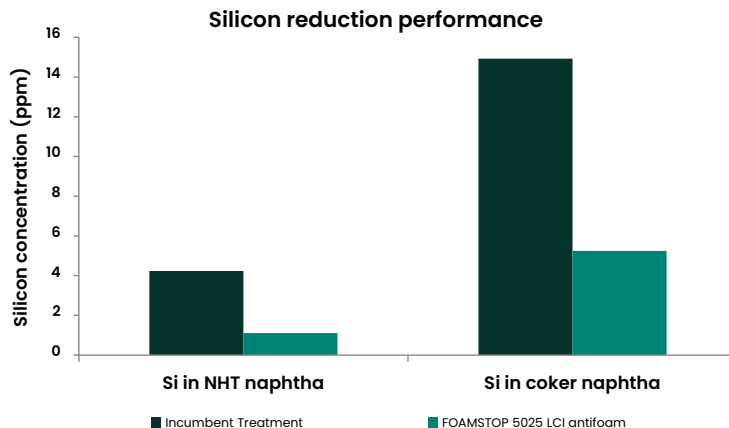


FOAMSTOP antifoam reduced silicon by >60% and doubled catalyst life

64% Reduction in silicon in coker naphtha

73% Reduction in silicon in NHT naphtha

\$400,000 USD Annual savings from doubled hydrotreater catalyst life

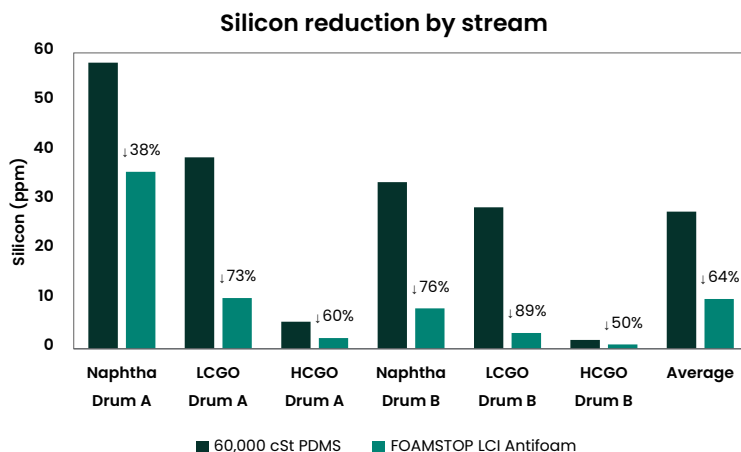


FOAMSTOP antifoam reduced silicon up to 89% in coker product streams

Up to 76% Reduction in silicon in coker naphtha

Up to 89% Reduction in silicon in coker LCGO

64% Average silicon reduction across all coker product streams

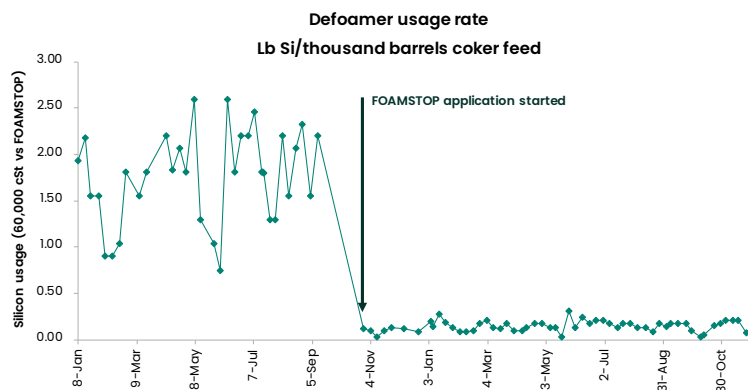


FOAMSTOP antifoam extends ultraformer run, saving \$2.75M USD

Up to 75% Reduction in silicon in coker naphtha

16 months Extension of ultraformer catalyst life from 12 to 28 months

\$2.75M USD Benefit from reduced silicon poisoning and longer ultraformer run



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