



HP THERMOPRO

A Novel Antifoulant Formulation for Heat Exchangers

Description:

Fouling of refinery process equipment is a common problem resulting in severe economic penalties due to energy loss, throughput loss as well as raise in significant safety concerns. Typical problem areas include crude and short residue/vacuum residue preheat exchangers, furnaces, hydrotreater exchangers, reactor beds etc. Multiple factors impacting fouling includes crude type, equipment design, flow rates, temperature, unit's operational severity and fluid characteristics.

HP Green R&D Centre has developed a novel cost effective antifouling formulation by characterizing and studying the fouling deposits formed via various mechanisms in different refinery process heat exchangers.

Advantages:

Superior performance compared to commercially available products.

Applications:

Heat Exchangers of Petroleum or Petrochemical Refineries