



HP THERMOPRO D

Anti Foulant Additive for DHDS Pre-Heat Exchangers

Description:

Fouling of refinery process equipment is a common problem resulting in severe economic penalties. Typical problem areas include preheat exchangers, furnaces and reactor beds. Fouling in Diesel Hydro Desulphurisation (DHDS) is caused by polymerization reactions initiated by olefins originating from cracked streams blended in DHDS feed. Due to polymerisation, the molecular chain length increases to the point that solubility in the DHDS feed is exceeded and deposition occurs. Anti foulant is required to mitigate the polymerization of olefins and also to keep the foulants formed in dispersed state.

HP Green R&D Centre has developed a novel, cost effective formulation which will mitigate the fouling and improve the pre-heat in DHDS heat exchangers.

Advantages:

Better fouling mitigation compared to commercially available products.

Applications:

Pre heat exchangers of DHDS in Petroleum or Petrochemical Refineries