



HP FILMMAX

Filming Amine Corrosion Inhibitor Formulations for CDU

Description:

Corrosion in the overhead systems of crude distillation units (CDUs) is typically caused by hydrogen chloride (HCl) resulting from hydrolysis of naturally occurring chloride salts found in the crude oil. The desalter unit in the refineries typically removes majority of the salts. However, escaped salts are hydrolyzed to produce corrosive HCl gas. To mitigate the consequent corrosion, neutralizing amines and film forming amines are dosed at overhead section of the CDU.

HP Green R&D Centre has developed water based filming amine formulations for CDUs.

Advantages:

Superior performance.

Applications:

CDU of Petroleum and Petrochemical Refineries