



HP DUCER NHT

Solution for Increased Pressure Drop in Hydroprocessing Units

Description:

Naphtha Hydroprocessing Units are reactors designed to operate with two-phase flow of feed within a particular pressure drop across the catalyst bed/reactor. The pressure drop dictates the unit energy performance, throughput of the unit, etc. Operating at higher pressure drop leads to higher energy consumption leading to increased carbon footprint of the unit.

After extensive testing in lab scale and pilot scale, modified HP Green R&D Centres HP DUCER and formularized a product dedicated for Naphtha Hydrotreater viz., HP DUCER NHT that removes effectively the hard scales and solid deposits inside a reactor in-situ and helps in pressure drop reduction across the first bed of reactor.

Advantages:

Eliminates the need of additional catalyst requirement, unplanned shutdown, reduces additional energy requirement and overall carbon footprint of the unit.

Applications:

Naphtha Hydrotreaters Units of Petroleum and Petrochemical Refineries