



HP EGIN

Effective Corrosion Inhibitor for Ethanol Storage and Gasohol

Description:

Government of India's 'Roadmap for Ethanol Blending in India 2020-25' has mandated blending of 20% of ethanol in Gasoline (Gasohol) by 2025/26.

However, ethanol has a high affinity for absorbing atmospheric moisture; which in presence of dissolved oxygen can cause significant metal corrosion. The dissolved oxygen can also oxidize ethanol into its acidic form causing increase in the acidity of the medium, further accelerating the corrosion problem.

The above problems get aggravated when storing pure ethanol.

HP Green R&D Centre has developed corrosion inhibitor (HP EGIN) to address the above issue.

Advantages:

HP EGIN is a cost effective solution, requiring lower dosage levels (12 to 32 ppm) for gasohol and equivalent (~200 ppm) for pure ethanol compared to other commercially available.

Applications:

Automotive industries, Ethanol blending facilities, Pipelines