HP CoSol

Mixed Solvent Process for Lube Raffinate Yield Improvement

Description:

Solvent extraction process is one of the important processes in lube refinery, which is used to remove aromatics from lube distillates in order to improve Viscosity Index (VI). N-Methyl-2-Pyrrolidone (NMP) is used as a solvent for all the lube distillates. But, NMP has high solvent power and lower selectivity towards the aromatics.

HP Green R&D Centre has developed a highly selective HP CoSol process for lube raffinate yield improvement and simultaneous production of environment friendly rubber process oil.

Advantages:

Raffinate yield improvement of 3 to 5.7 wt%.

Applications:

Solvent extraction unit of Lube Refineries