

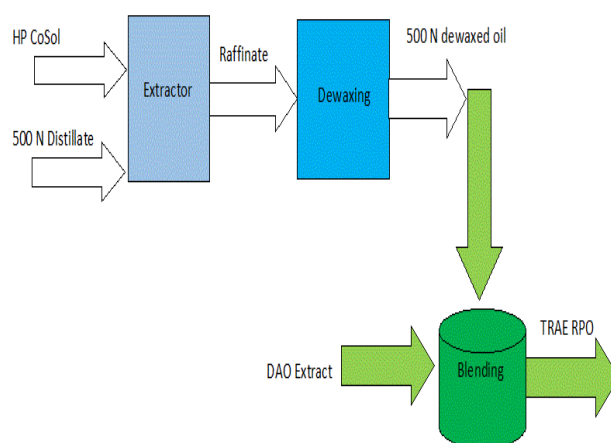
# HP TRAE

## Environment friendly rubber process oil

The Rubber process oils (RPO) are the main ingredients for Rubber industries for manufacturing of tyres. Various types of RPOs are used depending on the type of the rubber. RPOs are largely classified as 1) Aromatic oils 2) Naphthenic oils 3) Paraffinic oils. Previously, Indian industries used to sell lube extracts as Rubber process oils. These lube extracts are having the PCA content range from 5 to 25 % depending on the lube oil grade.



European Union (EU) regulating authority specified from January 2010 onwards that the Rubber process oils having PCA > 3 wt% should be labelled as "carcinogenic". Currently, the RPO products (lube extracts) are banned and demand has moved towards the environment friendly RPOs with PCA content < 3 wt%. HPCL Mumbai Refinery producing TRAE grade rubber process oil using blending process.



HPCL R&D has developed an improved process for the production of TRAE grade rubber process oil. The process was implemented at Mumbai refinery during May 2017. HP TRAE product is produced with less PCA content and better quality.

HPCL produces HP TRAE product as a novel & environment friendly rubber process oils for Rubber industries which can be used as additive to increase solubility properties of rubber in tyre manufacturing.