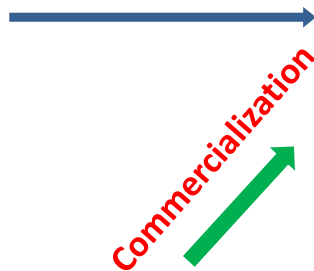


CSIR-IIP-BPCL LPG Sweetening Catalyst THOXCAT ES™

Thoxcat ES is useful for sweetening of LPG and other lighter petroleum fractions like LSRN/light cracked naphtha. Sweetening is a process for reduction/conversion of mercaptan sulfur.

Sweetening Unit



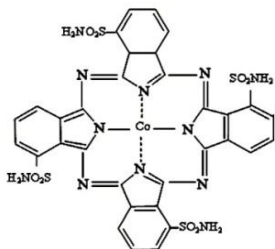
Catalyst Production Unit



Commercial Users of Thoxcat ES™ :

- ❖ BPCL, Mumbai
- ❖ HPCL, Mumbai
- ❖ HPCL, Vizag
- ❖ BORL, Bina
- ❖ HMEL, Bhatinda
- ❖ MRPL, Mangalore
- ❖ IOCL, Digboi
- ❖ RIL, Jamnagar

Catalyst Molecule
Thoxcat ES



- Globally competitive.
- Low cost
- Less consumption
- No additional investment
- Applicable in conventional & fiber-film sweetening processes