

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

Commercialization



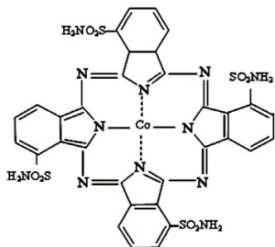
Catalyst Production Unit



Commercial Users of Thoxcat ES :

- ❖ BPCL, Mumbai (2008)
- ❖ HPCL, Mumbai (2009)
- ❖ HPCL, Vizag (2010)
- ❖ BORL, Bina (2011)
- ❖ HMEL, Bhatinda (2011)
- ❖ MRPL, Mangalore (2012)
- ❖ IOCL, Digboi (2012)
- ❖ RIL, Jamnagar (2012)

Catalyst Molecule
Thoxcat ES



Licensed to
M/s Lona Industries
Ltd, Mumbai

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

• Patents: Foreign	06
Indian	03
• Publications:	10

❖ License Fee & Royalty