Naphtha Hydrocracking to LPG Technology

Background
Naphtha hydrocracking provides a viable & economic process technology for production of auto grade LPG.

Salient Features
- Innovative process for LPG maximization in refinery meeting Auto grade LPG specifications
- Proprietary hydrocracking catalyst

Process Description
The technology is available in two options: full conversion and partial conversion to LPG. Typical conversion is in the range of 50 – 85 wt% in low pressure and moderate temperature using proprietary hydrocracking catalyst system. LPG and residual naphtha are sent to product storage after removal of H2S by stripping. Unconverted naphtha can be used as a feedstock for isomerisation, hydrogen generation and steam cracker or it can be directly blended into gasoline pool.

Back up Strengths
- Pilot plant data bank & evaluation facilities
- Feed/product/catalyst characterization facilities
- State-of-the-art process simulators
- Excellent technical support & troubleshooting expertise
- Operating experience of Hydroprocessing units

Contact Details:
Dr. SSV Ramakumar, DGM (CD)
Phone: 0129 - 2294240, 0129 - 4005409
E-mail: ramakumarssv@iocl.co.in