

## Light Hydrocarbon Purification Bibliography – Updated 6/04

### *PATENTS*

Howat, C.S., 1979. Acetylenes Removal from Diolefin Streams by Extractive Distillation. U.S. Patent 4,134,794.

### *PUBLICATIONS (REFEREED)*

Howat, C.S. III, and Swift, G.W., 1980. A New Correlation of Propene-Propane Vapor Liquid Equilibrium Data and Application of the Correlation to Determine Optimum Fractionator Operating Pressure in the Manufacture of Polymerization Grade Propene, Industrial and Engineering Chemistry, Process Design and Development, 19(2): 318-323.

### *TECHNICAL PRESENTATIONS*

Anderson, T.M., Mark, L.M. (presenter), and Howat, C.S., 1989. Purification of Butadiene Using Thermally Coupled Distillation. AIChE Spring National Meeting, Houston, Texas.

Srinivasan, S., and Howat, C.S., 1999. Optimization of Propylene Purification System. Paper 8d, AIChE Annual Meeting, Dallas, Texas.

Moss, T.E., and Howat, C.S., 2001. Optimization of Isoprene Recovery and Purification Using Extractive Distillation. Paper 215f, AIChE Annual Meeting, Reno, Nevada.