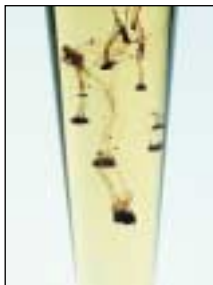


CEP Showcase

Hot-Oil-Unit Cleaning Liquid



New Paratherm SC™ system cleaning liquid is especially formulated to quickly dissolve and suspend sludge and carbon lumps in hot oil Temperature Control Units (TCUs), cold or warm (150°F max). The SC liquid is compatible with mineral oil, glycol and many synthetic fluids. Reusable, it can be disposed conventionally.

For more information, contact Jim Oetinger at 610-941-4900 or visit www.paratherm.com.

Reader Service Number # 150

Chemical Engineering Modeling Tool



COMSOL, Inc.'s FEMLAB puts you on the front line! FEMLAB Chemical Engineering comprises a powerful, unique environment for modeling momentum, heat and mass transport coupled to chemical reactions. Now you can model fluid flow, gas flow and incompressible turbulent flow using a single tool. FEMLAB's key features include: simultaneous solving of an arbitrary number of coupled nonlinear PDEs and state-

of-the-art solvers for linear and nonlinear stationary and time-dependent problems in 1D, 2D, and 3D. **www.comsol.com**

Reader Service Number # 151

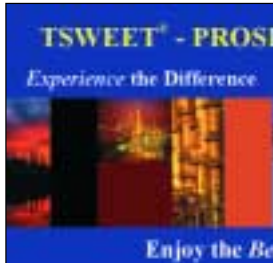
Therminol Vapor Phase Design Guide



Therminol vapor phase heat transfer fluids are specifically designed to meet the demanding requirements of phase systems. This guide discusses three distinctly different Therminol vapor phase heat transfer fluids that allow users to select the one that best matches their needs—Therminol VP-1, Therminol VP-3 and Therminol LT. **For more information visit our website at: www.therminol.com**

Reader Service Number # 152

TSWEET®



Process simulation software makes plant operations, troubleshooting and optimization easier - Experience the difference of the TSWEET®- PROSIM® package and enjoy the power our software can offer your company.

• Amine Sweetening, Sulfur Recovery, Tail Gas Clean-up, Sour Water Strippers, Exchanger Rating/Sizing • Gas Processing, Refining, Petro-

chemical, Glycol Dehydration and Hydrate Inhibition. **Bryan Research & Engineering, Inc. Tel: 979-776-5220 www.bre.com**

Reader Service Number # 153

Access & Safety Throughout



Fall protection and clear access are provided throughout the entire operation with this Stair, Platform, Gangway and Enclosure package. It is pre-engineered and shipped in as large pieces as practical for shipping and easy erection by plant personnel. Gangway pivots, levels up and down and extends in and out to

fit any loading situation. Gangway can be sold separately and is easily installed on any structural walkway.

HEMCO Industries, Inc., 2408 Karbach Houston, Texas 77092
Toll Free: 877-651-3626 Fax: 713-681-2427
www.hemcoind.com/cep salescep@hemcoind.com

Reader Service Number # 154

Piping Design Software



Chemstations has released CC-SAFETY NET for piping networks and safety relief systems, including two phase venting. These systems can be studied in a steady state or dynamic

mode. The calculations use the core components of the CHEMCAD simulator: a full physical property database and set of thermodynamic options for calculating phase equilibrium; this sets CC-SAFETY NET apart and gives users distinct, bottom-line advantages.

Visit us, <http://www.chemstations.net>, or call us, 800-243-6223.

Reader Service Number # 155