

LSC SUCCESS STORIES

Chemical Plant Gas Compressor

DATE: 4/2002

LSC PRODUCT: Thermo**Jet**[®] Oil Purifier

SOURCE OF STORY: Joe Marshall - LSC

DATE OF EVENT: 1996

LOCATION: Southeast Texas Chemical Plant

EQUIPMENT: 3 Ethylene Unit Lube Oil Systems

STORY:

Problem

Drop in oil viscosity due to contamination in 3 lube oil systems on Ethylene Unit. Existing centrifuge and vacuum dehydrators were unreliable and operators had no confidence in them. Oil analysis reports were showing a need for improved oil purification.

Solution

Customer installed the Thermo**Jet**[®] as a permanently mounted system in 1996 and manifold it to 3 major machine reservoirs the largest being 3600 gallons. The system is switched each Monday from one reservoir to the next.

Results

Since the installation, they have not experienced any viscosity or contaminated lubrication issues on these major machine systems.

Customer has also invested in a portable Thermo**Jet**[®] for their smaller lube oil systems (200 to 300 gallon). Thermo**Jet**[®] is mounted on a trailer and is moved around as their oil-sampling program indicates the need.

Customer estimates a savings on approximately 6000 gallons of lubricant per year!

Note: LSC has faithfully recorded these testimonials as clients have related them to us. LSC does not assume any liability for errors or omissions.