

LUBE STORAGE ROOM/ DESICCANT BREATHERS

LARGE GYPSUM MANUFACTURER, Wheatfield, Indiana

Lube Storage Room • SIC 2653 Corrugated Fiber Boxes

CUSTOMER TESTIMONIAL

CUSTOMER PROFILE

This company is a leading manufacturer of gypsum wallboard products in North America. They have manufacturing operations that include 15 gypsum wallboard plants, 4 joint systems plants, 4 industrial plaster facilities and 3 gypsum wallboard paper plants in the United States; and 3 gypsum wallboard facilities and one joint systems plant serving Canada.

This gypsum manufacturer offers an innovative line of non-paper-faced, fiberglass mat-faced gypsum panels under the Dens™ product umbrella. The company introduced its patented, fiberglass mat solution in 1986 when it brought DensGlass Gold® glass-mat exterior sheathing panels to market. Now used widely throughout North America, DensGlass Gold sheathing sets the standard for exterior finishing systems in commercial construction.

This plant runs 24 hours a day 7 days a week, and has been an LE customer since 2006.

APPLICATION

The company's oil storage area is located in a trailer outside the production facilities. They had ten 300 gallon old steel tanks in this trailer. Many of these steel tanks were developing internal corrosion due to moisture and the lubricants were getting contaminated. Further, the company was not happy due to the congested environment.

AREA OF INTEREST

This gypsum manufacturer wanted to achieve the following:

- Reduce contamination
- Reduce congestion and to have the ability to monitor the lubricant levels.
 - Color coordinate the lube delivery system.

LE SOLUTION

LE Lubrication Consultant V.C.Vasisth, suggested that they:

- Replace (300) gallon steel tanks with different sizes of Clear Plastic Tote-A-Lube storage tanks
- Install Des-Case Desiccant Breathers
- Use color coded identification tags for all the lubricants

CUSTOMER COST SAVINGS

The maintenance department, after reviewing their Reliability program, decided to improve their lubricant receiving and delivery system. To achieve this they decided to take the first step to improve their storage facility and significantly reduce the contamination issue.

First, they replaced all 300 gallon old rusting steel tanks with one 110 gallon, and seven 60 gallon transparent Tote-A-Lube plastic stackable tanks. The Reliability Leader made sure that all the tanks were equipped with Des-Case breather mounting options. He was very committed to eliminate the contamination issue which was one of the factors affecting the performance of the oil. The pictures (see back) show the drastic change that was made to this room. With the new arrangement, the company installed shelving to store color coordinated buckets and Oil Safe fluid transfer containers.

OTHER PRODUCTS USED

- 1299 ALMAPLEX® Ultra-Syn Lubricant
- 1602 DUOLEC™ Vari-Purpose Gear Lubricant
- Checkfluid
- LEAP (LE Analysis Program)
- AMS Filtration equipment

**LUBRICATION
ENGINEERS, Inc.**

Leaders in Lubricants



300 Bailey Ave · Fort Worth, TX · Phone: 800-537-7683 817-916-3200
FAX: 800-228-1143 817-820-0027 · www.le-inc.com

LI70725
12-08

BEFORE



AFTER



Lubrication Engineers Inc. would like to thank the personnel at this gypsum plant and LE Lubrication Consultant V.C. Vasisth (pictured right) for the information provided to prepare this report.

