

CUSTOMER TESTIMONIAL

## 5181 & 5182 PYROSHIELD®

BENTONITE CORPORATION, Colony, WY

10' X 80 X Dryer • SIC 1549 Clay, Ceramic & Refractory Minerals

**SAVINGS OF \$2,052 PER MONTH ON PRODUCT AND LABOR!**

### CUSTOMER PROFILE

Bentonite Corporation refines bentonite clay for industrial applications. They have been in business for over 30 years and have been an LE customer since 1994.

### APPLICATION

Bentonite Corporation uses three 10' x 80' dryers in this refining process. Each dryer has a 50 hp Western gear drive. These dryers operate 24 hours a day, seven days a week.

### AREA OF INTEREST

While using several different kinds of commercial grade lubricants, consumption was high. Bentonite Corporation was looking for a way to reduce this, along with labor costs, while still maintaining adequate gear and trunion protection.

### LE SOLUTION

LE Representative Mike Carter recommended LEs 5181 and 5182 PYROSHIELD. LEs 5181 and 5182 are revolutionary lubricants used in the mining industry and other open gear applications which operate in the most severe service. They are extreme pressure lubricants, which are lead free and are ideal for open gears, large chains, cables, fifth wheels

and various other sliding mechanisms which operate in both mobile and stationary equipment used inside and outside (winter and summer). They both contain ALMASOL®, LEs exclusive wear-reducing additive.

### CUSTOMER COST SAVINGS

Bentonite Corporation is now only using three 50 pound pails of LE product per month compared to two 420 pound drums of competitive product per month.

The following shows the cost and savings of LE products versus the competition.

They were applying the lube 3 to 4 times per shift. Now with LE, they only apply one time per shift. This resulted in a savings of 30 minutes per shift at \$12 per hour. The savings for three shifts is 1 1/2 hours per day. There was less mess to clean up. They saved 20 hours every 2 weeks on clean up at \$12 per hour. With this, there is a total savings every month of:

$$\begin{aligned} & 1 \frac{1}{2} \text{ hours per day} \times 30 \text{ days} = \\ & \quad 45 \text{ hours (appl)} \\ & \quad + \\ & 40 \text{ hours (clean-up)} = 85 \text{ hours} \times \$12/\text{hr} = \\ & \quad \mathbf{\$1,020} \end{aligned}$$

**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](http://www.le-inc.com)

08-28-98  
LI70226

## **COST SAVINGS**

### **Competitive Product**

2 drums per month x 420 pounds x \$2 per pound = \$1,680.00/month

### **LE Product**

3 pails per month x 50 pounds x \$4.32 per pound = \$648.00/month

**LE's 5181 AND 5182 PYROSHIELD® HAS SAVED  
BENTONITE CORPORATION A TOTAL OF  
\$2,052 PER MONTH ON PRODUCT AND LABOR.**

**Pat Divan, Maintenance Manager, at Bentonite Corporation states, “It takes an extra effort to teach the operators how to apply LE's 5181 and 5182 (so overapplying does not occur), but it is worth the trouble because the product works better than any other on the market.”**

### **OTHER PRODUCTS USED**

Bentonite Corporation also uses LE's 607 ALMASOL® Vari-Purpose Gear Lubricant in the Western gear drives and LE's 6802 MULTILEC® Industrial Oil in all Sullair compressors.

We would like to thank Pat Divan, Maintenance Manager at Bentonite Corporation and LE Representative Mike Carter (pictured) for the information provided to prepare this report.

