

## 704 MONOLEC® GEAR LUBRICANT

MUNDING MILLING CO., Muskogee, OK

Reliance Speed Reducer for Conveyor System • SIC 2048 Prepared Feed

LE saved Munding Milling Co. approximately \$2000 on the two speed reducers

### **CUSTOMER PROFILE**

Munding Milling Co. is a manufacturer of finished livestock feed. They sell in both bulk and bags. They have been in business since 1906. They have been an LE customer since 1993.

### **APPLICATION**

A Reliance speed reducer, powered by a 1 hp motor, operates the flat conveyor system for moving the sacked feeds. The feed mill operates six days per week, 24 hours a day during peak season.

### **AREA OF INTEREST**

The reducer became very noisy and was running extremely hot. It was so hot it actually caught on fire. John Hunter, Maintenance Contractor, did not have a replacement gear reducer on hand. The replacement gear reducer was going to require a two-week delivery time and cost \$260.00.

### **LE SOLUTION**

John Hunter was desperate because this conveyor was needed very badly so

they could meet their customer's demands for receiving livestock feed. He decided, as a last resort, to try LE's 704 MONOLEC Gear Lubricant. He drained the commercial grade gear oil and refilled with LE's 704. LE's 704 was recommended to help the gear reducer run cooler, and to extend drain intervals. It can also be used throughout the Munding Milling Company plant for various gearboxes, speed reducers and rolling stock, as well as in the pellet mills (one Century 100 California and one Landers 150 hp.).

### **CUSTOMER COST SAVINGS**

The new gear reducer arrived, but the original one was running cool enough to lay your hand on, and had quieted down. It was decided not to change it out. Four years later the Reliance gear reducer is still in service.

At about the same time, another speed reducer which turns a cylinder grain cleaner 75' up in the air over the feed mill, was so noisy you couldn't stand on the ground under it and have a conversation. John Hunter drained out the commercial gear oil and replaced it with LE's 704.

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**Now the gear reducer cannot be heard on the ground after changing to LE's 704.** LE saved Munding Milling Co. approximately \$2000 on the two speed reducers, as labor and downtime cost would have been approximately \$400 per hour to replace the two speed reducers.

### **OTHER PRODUCTS USED**

Munding Milling also uses **LE's 3752 ALMAGARD® Vari-Purpose Lubricant** and estimate they **have reduced grease consumption well over 50%.** They were having to grease the rollers on the California Pellet Mills every two hours when they were using commercial grade grease. With LE's 3752 they only have to grease twice daily. John Hunter said when they were running full production, at peak times, the previously used commercial grade grease would run out of the application like water. They also use LE's 8800 MONOLEC ULTRA® Engine Oil and are beginning to extend drain intervals on forklifts and trucks.

John Hunter states, ***"I would recommend LE lubricants to anyone. I have seen a lot of different lubricants over the years and no two products have ever caught my attention like 3752 and 704."***



**Bob Kaser**

We would like to thank Matt Munding, Owner; Lisa Bull, Operations Manager; Bill Hughes, Production Manager and LE Representative Bob Kaser for the information provided to prepare this report.