

# Customer Testimonial



## Monolec® Power Fluid (7500)

**Pfister Hybrid Corn Company – El Paso, Ill.**

**1996 Bryon 8400**

- **Reduced oil temperature**

### **Customer Profile**

Pfister Hybrid Corn Company is one of the oldest seed corn companies in the Midwest. They grow and market seed corn in six states in the Midwest Great Lakes area. They have been in business since the early 1930s, and an LE customer since 2000.

### **Application**

They use a 1996 Bryon 8400 with a 250 hp John Deere engine to pick the seed corn in the field. This piece of equipment operates 300 hours per year in a very dusty, and sometimes hot environment.

### **Challenge**

While using a commercial grade hydraulic oil, the oil in the hydrostatic drive was running so hot it was melting the sight gauges in the reservoir.

### **LE Solution**

The local LE lubrication consultant recommended Monolec® Power Fluid (7500). Monolec 7500 is for combination gear-hydraulic systems, hydraulic transmissions, wet brakes, and torque converters. It is nonfoaming in service, rejects water and reduces transmission temperatures. This results in reduced sludging and varnish build up, increasing oil and transmission life.

### **Results**

Since the conversion to Monolec 7500, the best benefit was the reduction in temperature of the oil. A second



oil cooler was added at the same time Monolec 7500 was added. Without the second cooler the previous commercial grade oil would get hot enough to melt the sight gauges in the tank. Even when the second cooler malfunctioned, the temperature only reached 200°F (93°C), well below the melting point of the sight gauges. With both coolers working Monolec 7500 stayed down to 150°-160°F (66°-71°C).

Pfister Hybrid Corn Company is very pleased with the performance of LE's Monolec 7500.

### **Other Products Used**

- Monolex® Penetrating Oil & Lubricant (2059)
- Almagard® Vari-Purpose Lubricant (3752)
- Synolec® Gear Lubricant (9920)

*Thank you to JR Murrell, shop foreman, and to the local LE lubrication consultant, for providing the information used in this report.*



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