

7500 MONOLEC® POWER FLUID
PFISTER HYBRID CORN CO., El Paso, IL
1996 Bryon 8400 • SIC 0115 Corn

7500 reduces transmission temperatures resulting in reduced sludging and varnish build up, increasing oil and transmission life

CUSTOMER PROFILE

Pfister Hybrid Corn Co. 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 1930's, 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.

AREA OF CONCERN

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 Representative recommended 7500 MONOLEC Power Fluid. LE's 7500 is for combination gear-hydraulic systems, hydraulic transmissions, wet

brakes, and torque converters. It is nonfoaming in service and rejects water. **7500 also reduces transmission temperatures. This results in reduced sludging and varnish build up, increasing oil and transmission life.**

CUSTOMER COST SAVINGS

Since the conversion to LE's 7500, the best benefit was the reduction in temperature of the oil. A second oil cooler was added at the same time LE's 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 LE's 7500 stayed down to 150°-160°F (66°-71°C).**

Pfister Hybrid Corn Co. is very pleased with the performance of LE's 7500 MONOLEC Power Fluid.

ADDITIONAL PRODUCTS USED

- 650 LE-CD 50 Transmission Fluid
- 960 Waterless Hand Cleaner Towels
- 2059 MONOLEX[®] Penetrating Oil & Lubricant
- 3752 ALMAGARD[®] Vari-Purpose Lubricant
- 9920 SYNOLEC[®] Gear Lubricant

We would like to thank Shop Foreman JR Murrell and the local LE Representative for the information provided to prepare this report.