

## 6120 MONOLEC<sup>®</sup> HYDRAULIC OIL

KEARSE MANUFACTURING MFG, Olar, South Carolina

John Deere Loader • SIC 2435 Hardwood Veneer & Plywood

# Eliminated valve body problems

### CUSTOMER PROFILE

Kearse Manufacturing is a family owned hardwood veneer business. They manufacture veneer that is used in various industries such as flooring, furniture and door manufacturing. They have been in business for 82 years, and an LE customer for 32 years.

### APPLICATION

Kearse MFG has a 1988 John Deere 544E Loader used for unloading timber off trucks and load steam vats at the mill. Today the loader is still used to maintain the log yard and forestry land management.

### AREA OF INTEREST

In 1992, the loader began experiencing a hydraulic failure in the valve body. The valves were sticking in the valve body. The local dealer said it would need to be replaced but did not have a valve body in stock so it was going to be weeks before the part would come in.

### LE SOLUTION

Mill Superintendent Bill Thomas needed to get



Bill Thomas states, "I guess if anyone needs a valve body I have one that I won't be needing."

the loader back in service so he spoke with LE Lubrication Consultant Helmut von Schweinitz. After consulting with Helmut, they decided to soak the valve body in diesel fuel and then reinstall with Lubrication Engineers 6120 MONOLEC<sup>®</sup> Hydraulic Oil.

**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)

LI70643  
10-10

LE 6120 is especially formulated to eliminate the evaporation of light ends which is typical of commercial and off-brand oils. It also reduces heat and wear, stops pump cavitation and keeps seals soft and pliable.

### **CUSTOMER COST SAVINGS**

The valve was soaked and Bill was able to get the valves moving again and install 6120 MONOLEC® Hydraulic Oil. The unit went back to work in the woods loading trucks. To this date, the loader has not experienced another problem with the valve body operation. That is 19 years of trouble free service! When the new valve body arrived it was put on the shelf because everyone thought it would be needed.

Today, the loader is used for various purposes around the mill. A new unit would cost over \$80,000. Bill states, ***“We are a family owned business that needs to keep operating costs low to stay competitive. Extending equipment life can make a difference to the bottom line.”***

### **OTHER PRODUCTS USED**

- 1150 TRANS-ALL EHP Automatic Transmission Fluid
- 607 ALMASOL® Vari-Purpose Gear Lubricant
- 1275 ALMAPLEX® Industrial Lubricant
- 4934 All Purpose Hydraulic Oil
- 6404 MONOLEC® R&O Compressor/Turbine Oil.

*Lubrication Engineers would like to thank Mill Superintendent Bill Thomas, and LE Lubrication Consultant Helmut von Schweinitz for the information provided to prepare this report.*



**Helmut von  
Schweinitz**