

Customer Testimonial



Monolec® Hydraulic Oil (6120)

Kearse Manufacturing Company – Olar, S.C.

John Deere Loader

- **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.

Challenge

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

Bill Thomas, mill superintendent, needed to get the loader back in service so he spoke with Helmut von Schweinitz, LE lubrication consultant. After consulting with Helmut, they decided to soak the valve body in diesel fuel and then reinstall with Lubrication Engineers Monolec® Hydraulic Oil (6120).

Monolec 6120 is specially 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.

Results

The valve was soaked and Bill was able to get the valves moving again and install Monolec 6120. 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.



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

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

- Monolec® Syn Multi-Vehicle ATF (1150)
- Duolec® Vari-Purpose Gear Lubricant (1605)
- Almaplex® Industrial Lubricant (1275)
- All Purpose Hydraulic Oil (4934)
- Monolec® R & O Compressor / Turbine Oil (6404)

Thank you to Bill Thomas, mill superintendent, and to Helmut von Schweinitz, LE lubrication consultant (pictured), for providing the information used in this report.



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Based on actual user experience. Individual results may vary. Not intended to supersede manufacturer specifications.

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