

Customer Testimonial



Monolec® Gear Lubricant (704)

Monolec® Power Fluid (7500)

Monolec Ultra® Engine Oil (8800)

BLT Brothers, Inc. – Keysville, Ga.

Logging Equipment

- **Extended oil drain intervals from 250 hours to 750 hours**
- **Reduced oil waste disposal**

Customer Profile

BLT Brothers, Inc. is a very successful logging operation that ships hard and softwoods to paper mills. They have been LE customers since 1985. Larry Pennington is the principal owner. Logging in the swampy areas of Georgia is one of the most severe environments that equipment can be subjected to. BLT's company motto is "BLT swamp logging – Helicopter on wheels."

Application

BLT Brothers uses a variety of logging equipment: a 1996 Timberjack 450C, a 1994 model Timberjack 450C, a 1994 Prentice 410D hydraulic loader, a 1987 Caterpillar log skidder, a 1984 Caterpillar D6D dozer, and a 1993 Ronen cut-down machine.

Challenge

Lower temperatures and longer overhaul intervals for transmissions and torque converters. Longer engine oil change intervals and reduced oil consumption.

LE Solution

- Monolec Ultra® Engine Oil (8800) for the engines
- Monolec® Gear Lubricant (704) for the transmissions
- Monolec® Power Fluid (7500) for the torque converters

Results

After installing these LE products, the initial observation was an overall reduction in frictional heat in both applications. The manufacturer recommended transmission and torque



(Above) CAT 518 skidder uses Monolec 704 in the transmission, Monolec 7500 in the torque converter and Monolec Ultra 8800 in the engine. (Below) Prentice 410D loader also uses Monolec Ultra 8800.



converter oil changes at 1,000 hours. However, because of the reduction in frictional heat, and the smoother operation of the equipment after installing LE products, a drain interval of 4,000 to 5,000 hours was set.



One 1987 Caterpillar log skidder was taken out of service at 13,500 hours for maintenance. Mr. Pennington decided to check the transmission while the skidder was in the shop. The transmission was so clean that the mechanic was curious about what oil was being used. Monolec 7500 had eliminated a transmission overhaul and many gallons of lubricant were saved due to extended drain intervals.

Engine oil changes had been set at 250 hours. After a year of record keeping with LE's oil analysis and Monolec Ultra 8800, Larry set his engine oil drain interval at 750 hours.



Thank you to Larry Pennington, owner (left), and to Mark Jones, LE lubrication consultant (right), for providing the information used in this report.



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