

**704 MONOLEC® GEAR LUBRICANT • 7500 POWER FLUID
8800 MONOLEC ULTRA® ENGINE OIL**

BLT BROTHERS, INC, Keysville, GA

Logging Equipment • SIC 2421 Sawmills & Planning Mills, General

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

CUSTOMER TESTIMONIAL

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."



(ABOVE) CAT 518 skidder uses LE's 704 MONOLEC in the transmission, 7500 MONOLEC in the torque converter and 8800 MONOLEC ULTRA in the engine. (BELOW) Prentice 410D loader also uses 8800 MONOLEC ULTRA.

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.



AREA OF INTEREST

Lower temperatures and longer overhaul intervals for

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transmissions and torque converters. Longer engine oil change intervals and reduced oil consumption.

LE SOLUTION

- ◆ **8800 MONOLEC ULTRA® Engine Oil** for the engines
- ◆ **704 MONOLEC® Gear Lubricant** for the transmissions
- ◆ **7500 MONOLEC® Power Fluid** for the torque converters

CUSTOMER COST SAVINGS

After installing these LE products, the initial observation was an overall reduction in frictional heat in both applications. The manufacturer recommended transmission and torque 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. LE's 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 8800 MONOLEC ULTRA**, Larry set his engine oil drain interval at 750 hours.



We would like to thank Larry Pennington (left), Owner and LE Lubrication Consultant Mark Jones (right) for providing the information to prepare this report.

