

8450 MONOLEC® GFS ENGINE OIL

H.L. CROUSE CONSTRUCTION, Walbridge, OH

Caterpillar 571 Pipe Layer • SIC 1542 General Contractors

LE's 8450 CONTAINS MONOLEC®, LE'S EXCLUSIVE WEAR-REDUCING ADDITIVE, WHICH HAS PROVEN TO REDUCE WEAR BY 24.2% IN RADIOACTIVE WEAR TESTS.

CUSTOMER PROFILE

Founded in 1973, H. L. Crouse Construction Company is a well known and respected petroleum and gas pipeline construction and repair company. They have been an LE customer for 18 years.

APPLICATION

H. L. Crouse Construction Company uses a variety of Caterpillar equipment in their work.



AREA OF INTEREST

In 1991, they began to use LE's 8450 MONOLEC® GFS Engine Oil in the final drives of all 20 of their Caterpillars in order to achieve improved performance and extended equipment life.

LE SOLUTION

LE's 8450 MONOLEC® GFS Engine Oil was recommended for H. L. Crouse Construction Company, as it is formulated for heavy-duty service. **It is excellent for diesel and gasoline engines.**

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CUSTOMER COST SAVINGS

During 1995, one model 571 pipelayer developed a leak due to a cracked seal. Since the unit was down, H. L. Crouse maintenance personnel did an inspection of the final drive unit. During this inspection they discovered there was no wear. This particular unit had 4,000 hours on the oil.

In 1996 a D-6H Caterpillar bulldozer was checked. It had 4,100 hours on LE's 8450, and the finals looked like new. Other units have had LE's 8450 in the finals for over six years. They have had no problems and the oil is still nice and red.

In 1997 all the units were switched over to LE's 7550 Power Transmission Fluid SAE 50.

Lead Mechanic, Mike Vavrick, says, ***"I have pulled inspection covers off to check the transmissions, and even after sitting three to six months, there is still a film of LE oil on the shafts, gears and bearings. No rust or pitting here."***

OTHER PRODUCTS USED

LE's 3752 ALMAGARD® Vari-Purpose Lubricant is used as a general purpose lubricant.

We want to thank Mike Vavrick and the local LE Representative for providing the information to prepare this report.