



## Monolec® GFS Engine Oil (8430)

**Merritt's Gravel, Inc. – Chapel Hill, N.C.**

### 2005 Cat D5G Dozer

- Provided protection for engine even after oil had been drained out
- Prevented engine failure that would have cost several thousand dollars to repair

#### Customer Profile

Merritt's Gravel, Inc., located in Chapel Hill, N.C., is a quarry and landfill for inert debris such as dirt, rock and concrete. The owner, Tony Merritt, uses heavy equipment to dig and load Chapel Hill gravel (a weathered granite rock that is found only in this area). The stone crushes easily and is used in a variety of applications, such as foundations on buildings, roads, driveways and golf courses. It makes an excellent foundation material and is very water permeable.

Merritt's Gravel was founded by Tony's father in 1964. He started using LE lubricants shortly after opening the business. He was losing bearings on one of his machines, and the local LE consultant at that time recommended an LE grease. The new grease solved the problem, and Merritt's Gravel has been an LE customer ever since. Tony now uses LE's lubrication solutions throughout his operation and in his personal vehicles.

Tony says he cannot operate without his "red oil" from LE. He is happy to talk about how LE lubricants – oils and greases – have worked well for him over the years, helping him stop wear on his equipment. One recent incident proved LE's worth to him again.

#### Application

Tony has been using LE's Monolec® GFS Engine Oil (8430) – an SAE 30 oil – in all of his mobile equipment, including his 2005 Cat D5G Dozer.



#### Challenge

In early February, Tony and his employee started the morning as usual by starting the equipment to warm it up. The D5 had been running for at least 45 minutes when his employee came back to it and realized it didn't have oil pressure. He quickly stopped the engine and checked the oil. There was no oil in the engine. Upon further inspection, they found the oil pan had been loosened and the oil drained out. Tony was a victim of vandalism.

#### LE Solution

They repaired the oil pan and filled the engine with oil. After starting the engine and running the dozer for a while everything seemed to be ok. They have been using the dozer ever since with no apparent ill effects.

#### Results

"LE saved the day again," Tony said.

The Monolec GFS 8430 provided protection for the D5G engine even after the oil had been drained out of the engine and prevented a big time failure that would have cost several thousand dollars to repair.



### **Other LE Products Used**

- Almagard® Vari-Purpose Lubricant (3751-3752)
- Diesel Fuel Improvers (BTU+ products replaced by Full Torque™ 2411-2421)
- Duolec® Vari-Purpose Gear Lubricant (1605 & 1606)
- L-X® Heavy Duty Chemical Supplement (2300)
- Low Tox® Turbine Oil (6414)
- Monolec® GFS Engine Oil (8450) – SAE 50
- Monolec® Power Fluid (7500)
- Monolec Ultra® Engine Oil (8800) – SAE 15W40
- Monolec® Ultrablend Engine Oil (8130) – SAE 10W30
- Monolex® Penetrating Oil & Lubricant (2059)
- Power Transmission Fluid (7510 & 7530) – for CAT applications
- Containers to store and dispense lubricants



*Thank you to Jeffrey Boyles, LE lubrication consultant (pictured left), and Tony Merritt (pictured above) 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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