

8800 MONOLEC ULTRA® ENGINE OIL
GLACIAL SAND AND GRAVEL, Kittanning, PA
Tugboat & Dredge • SIC 1442 Construction Sand & Gravel

Oil changes are performed every 1000 hours instead of every 250 hours

CUSTOMER PROFILE

Glacial Sand and Gravel mines and processes sand and gravel in the Kittanning, Pennsylvania area. They operate an open pit sand mine and an open pit gravel mine. They have been an LE customer since 1994.

APPLICATION

Glacial Sand and Gravel operates two tugboats and a 1971 Manitowoc 4600 Dredge.

AREA OF INTEREST

The tugboats service a dredge recovering glacial sand and gravel from the upper Allegheny River. The dredge runs 80 hours a week. Glacial Sand and Gravel wanted to maximize operating time and extend oil drain intervals safely.

LE SOLUTION

LE's 8800 MONOLEC ULTRA Engine Oil is used in the 420-hp 3408 Caterpillar engines of the tugboats and in the 630-hp Caterpillar engine of the dredge. Oil analyses are taken every 250 hours.

CUSTOMER COST SAVINGS

Since using 8800 the oil changes are performed



every 1000 hours instead of every 250 hours. Oil consumption for the tugboats has been reduced to ½ gallon per week. They currently have over 10,000 hours of operation with 8800. Oil consumption for the dredge is only 2 gallons per week. The Dredge has gone, on one oil change, 1,700 hours on 8800. Glacial Sand and Gravel previously rebuilt the dredge engine at 10,000 hours. They have now extended the rebuild interval.

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OTHER LE PRODUCTS USED

- 604 and 607 ALMASOL® Vari-Purpose Gear Lubricant
- 2002 ALMASOL® Wire Rope Lubricant
- 3751-3752 ALMAGARD® Vari-Purpose Lubricant
- 4622 MONOLEC MULTIPLEX® Lubricant
- 6601 LOW TOX® Hydraulic Oil
- 7500 MONOLEC® Power Fluid
- 9901 ALMASOL® Syntemp Lubricant

We wish to thank Glacial Sand and Gravel and LE Representative John Hayes (pictured) for providing the information to prepare this report.

