

Customer Testimonial



Monolec Ultra® Engine Oil (8800)

Mechanicsburg Sand & Gravel – Mechanicsburg, Ohio

Manitowoc Drag Line

- **Extended oil drain intervals 150 hours to 500 hours**

Customer Profile

Mechanicsburg Sand & Gravel is one of the largest sand and gravel operations in beautiful Champaign County, Ohio. They service Champaign and several neighboring counties. This company was founded by Robert H. Cushman. The operation has been in business more than 50 years and is still run by the Cushman family. Mechanicsburg Sand & Gravel has been an LE customer since 1985.

Application

Mechanicsburg Sand & Gravel operates a 1971 Mantowoc drag line powered by a V-12 and a 6 cylinder Cummins engine. This unit operates in a very dusty environment and is operated on a daily basis.

Challenge

Downtime is not an option for Mechanicsburg Sand & Gravel. They need to protect the two large diesel motors with a quality product they can rely on. They also wanted to extend oil drain intervals to reduce labor and oil consumption.

LE Solution

The local LE lubrication consultant recommended Monolec Ultra® Engine Oil (8800), which is for heavy-duty, long-drain service in diesel and gasoline engines. It improves fuel efficiency, reduces wear, and provides all-season, all-weather performance. It exceeds performance requirements for Mack, Caterpillar, Cummins, Detroit Diesel, Ford and General Motors.

Results

By utilizing Lubrication Engineers Analysis Program and Monolec 8800, Mechanicsburg Sand & Gravel has extended their drain intervals from 150 hours to 500 hours.

Rex Cushman, fleet manager, "It's hard to put a number on the savings that Monolec Ultra saves. We have extended our drains, while giving those engines better protection."



1971 Manitowoc drag line

Other Products Used

- Duolec® Vari-Purpose Gear Lubricant (1605) – used in every gear box in the plant requiring an EP gear oil.
- Monolec® Power Fluid (7500) – used in Canica crusher to lubricate the two larger main bearings.
- Monolec® R & O Compressor / Turbine Oil (6406-6407) – used on the screen box of a jaw crusher.
- Wirelife® Almasol® Coating Grease (452) – used on the gearbox of the jaw crusher.



1952 jaw crusher



Canica crusher



Thank you to Brad and Rex Cushman of Mechanicsburg Sand & Gravel, and to Steve Dean, LE lubrication consultant (pictured), 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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