

Customer Testimonial



Monolec Ultra[®] Engine Oil (8800)

Breadworks – Pittsburgh, Pa.

Delivery Trucks

- Extended oil drain intervals from 5,000 miles to 10,000 miles

Customer Profile

Breadworks bakes and distributes gourmet breads to the finer restaurants and hotels in the Pittsburgh region. The bread is delivered fresh, the same day it is baked. They are recognized throughout the region as the premium gourmet bread baker. They have been in business since 1979, and an LE customer since 1989.

Application

Breadworks uses five Freightliner box trucks on MT45 chassis with Cummins 5.9 liter ISB diesel engines, three Chevy P-30 delivery trucks with 6.2 liter diesel engines, and nine Chevy P-30 delivery trucks with 6.5 liter engines, to deliver bread from the bakery to their customers.

Challenge

The trucks do a lot of city stop-and-go driving, and idle while the bread is being off loaded. The constant idling caused abrasive soot formation in the oil and reduced engine life. They had to change the oil every 5,000 miles .

Breadworks was interested in longer drain intervals.

LE Solution

Larry Boyle, 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 is made from select paraffinic base oils and contains Monolec, LE's exclusive wear-reducing additive.



Breadworks Bakery. Note the four flour storage silos on the left. Each silo holds 65,000 lbs of flour.



Entrance to the Breadworks facility.

Results

Through oil analysis, Breadworks extended the oil drain intervals to 10,000 miles. The trucks are routinely maintained at 5,000 miles. At this time, only the oil filters are changed and oil filter makeup oil is used to "sweeten the oil."

After the conversion to Monolec 8800, Breadworks had an oil supply line on one unit disconnect near where they



fuel up their vehicles. The fuel depot is located across the Ohio river from Heinz Field, roughly three miles from the bakery. By the time the Chevy P-30 delivery truck got back to the bakery, there was no oil in the engine. The mechanic simply replaced the faulty oil line and refilled the unit with Monolec 8800, and the engine lasted for 70,000 more miles.

In 2003, a newly hired mechanic was working on an engine and was amazed at how clean the engine was internally. The engine had 250,000 miles on it.

Breadworks feels they must keep a truck on the road for 10 years. The oldest truck in the fleet is a 1988 Chevy truck with 434,000 miles on it. A second engine was installed in that truck at 413,000 miles. LE oil helps them maintain the targeted goal of 10 years.

Partial owner and maintenance supervisor, Dave Thomas, states, "In business today, you need products which give you a competitive edge. LE oil help give us that edge."

Other Products Used

- Monolec® Ultra-Blend Engine Oil (8130) – E150 Ford vans, Jeep Cherokee and Chevy Tahoe
- Monolec® Syn Multi-Vehicle ATF (1150) – vehicle transmissions
- BTU+ Total Treat (2410) and BTU+ Power Supplement & Cleaner (2420) Diesel Fuel Improvers – diesel fuel
- Monolec® Gear Lubricant (704) – vehicle differentials
- Almagard® Vari-Purpose Lubricant (3752) – vehicle chassis
- Almasol® High Temperature Lubricant (1250) – oven bearings and oven bakery cart wheels
- Quinplex® Food Machinery Lubricant (4025) – general plant grease.
- Monolex® Penetrating Oil & Lubricant (2059) and H1 Quinplex® Penetrating Oil & Lubricant (4059) – light lube oil and penetrating oil

Thank you to Dave Thomas, owner & maintenance supervisor, Dave Lusnac, assistant maintenance supervisor, Paul Copelin, mechanic, and to Larry Boyle, LE lubrication consultant (pictured), for providing the information used in this report.



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