

8340 MONOLEC PLUS® ENGINE OIL

KETTLE COOKED FOODS, Fort Worth, TX

Chevrolet 454 cu. In. Natural Gas Engines
SIC 2013 Sausage & Other Prepared Meat Products

LE lubricants have saved an estimated \$12,555 annually in lubricant cost alone

CUSTOMER PROFILE

Kettle Cooked Foods began construction of their new plant in February of 1994. Their first LE order was in July of 1994. LE Representative Bill Guynes did a complete plant survey and was familiar with the equipment as it was put into place in the new facility. John Griffin is Maintenance Manager.

APPLICATION

Eleven Chevrolet 454 cu. in. natural gas engines are used to supply power for the refrigeration units at the Kettle Cooked Foods plant. A 55 gallon drum of oil sits at each engine in addition to a 7 quart oil pan (see photo). The engines run from 3,000 to 3,500 rpm. FES is the manufacturer of the refrigeration units, and they, in conjunction with General Motors, engineered the refrigeration units to run on the natural gas engines.

AREA OF INTEREST

While using a major brand engine oil, Kettle Cooked Foods was experiencing short engine oil life, spark plug fouling, excessive engine deposits and high oil consumption. Maintenance personnel were concerned with the poor performance of the oil, as any downtime is estimated by Kettle Cooked Foods to cost them approximately \$2700 per hour. If all eleven engines shut down, the total cost could run \$30,000 per hour. The high oil consumption also caused concern in waste oil disposal and drum disposal.

LE SOLUTION

LE Representative Bill Guynes recommended LE's 8340 MONOLEC PLUS® Engine Oil as the engines were fueled by natural gas. This versatile engine oil is a lower ash oil, with high oxidation stability and can provide longer drain intervals.



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CUSTOMER COST SAVINGS

The oil drain interval with the previous major brand engine oil was 750 hours. LE's 8340 MONOLEC PLUS® Engine Oil provides 3,000 plus hour oil drain intervals. The engine oil is monitored by LEAP (Lubrication Engineers Analysis Program) to maintain these extended drain intervals safely. After converting to LE's 8340, oil pressure in the Chevrolet engines increased by 10 lbs. **Kettle Cooked Foods estimates that LE lubricants have saved them \$12,555 annually in lubricant cost alone.** This does not include labor (\$17.50 per hour) or parts costs.

OTHER PRODUCTS USED

Kettle Cooked Foods also uses these additional products in their operation.

6723 MONOLEC® Refrigeration Oil	704 MONOLEC® Gear Lubricant
4025 QUINPLEX® Food Machinery Lubricant	4046 QUINPLEX® Low Temperature Oil
4059 H1 QUINPLEX® Penetrating Oil & Lubricant	4010 QUINPLEX® White Oil
4090 QUINPLEX® White Gear Lubricant	4140 QUINPLEX® White Gear Lubricant
9100 MONOLEC® Synthetic Air Compressor Oil	2059 MONOLEX® Penetrating Oil & Lubricant
3752 ALMAGARD® Vari-Purpose Gear Lubricant	5100 PYROSHIELD®
6520 MONOLEC® Hydraulic Oil	

CUSTOMER COMMENTS:

"LE's 8340 MONOLEC PLUS® Engine Oil is prolonging the life of our engines. I have been so pleased that I now use LE's 8800 MONOLEC ULTRA® Engine Oil (15W-40) in my personal truck," stated John Griffin, Maintenance Manager.

Kettle Cooked Foods is now a 100% LE lubricant user!

We want to thank John Griffin, Maintenance Manager and LE Representative Bill Guynes for the information provided to prepare this report.



John Griffin, Maintenance Manager



John Smith, Refrigeration Maintenance



Bill Guynes