

# Customer Testimonial



## BTU<sup>+</sup> Total Treat (2410) & Monolec Ultra<sup>®</sup> Engine Oil (8800)

**ATE – North Pole, Alaska**

**Ford F250 Diesel 4x4**

- **Eliminated fuel gelling**
- **Improved MPG by 23%**
- **Extended oil drain intervals by three times**

### **Customer Profile**

ATE has been in business for more than 35 years selling sporting equipment such as outboards, snow machines, water craft and accessories to the great people of Northwest Alaska. They have been an LE customer since October 2004.

### **Application**

Jack Young, owner, uses a 2000 Ford F250 Diesel 4x4 to pull house trailers and equipment.

### **Challenge**

In Alaska they deal with cold temperatures ranging from -20 to -60°F (-30 to -51°C) all winter. Using a competitive fuel treatment, they experienced gelling problems and while pulling a 5th wheel trailer they were only averaging around 13 miles per gallon.

Engine oil drains were set at 4,000 miles and extended drains were not achievable beyond this interval.

### **LE Solution**

LE's BTU<sup>+</sup> Total Treat (2410) in conjunction with Monolec Ultra<sup>®</sup> Engine Oil (8800) was recommended. BTU<sup>+</sup> 2410 improves lubricity, keeps filters and injectors clean, inhibits gum and sludge formation, disperses and removes water from fuel. It improves combustion, helps EGR system performance, retards rust and corrosion, and protects fuel in cold temperatures.



Monolec Ultra 8800 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.

### **Results**

While using Alaska's #2 premium diesel fuel (keep in mind that #2 diesel in Alaska is more highly refined than #2 diesel found in the lower 48 states) with BTU<sup>+</sup> 2410, average miles per gallon have improved by 23 percent to 16 mpg. There are absolutely no gelling issues even at -60°F (-51°C).





Using Monolec Ultra 8800 has extended oil drain intervals from 4,000 miles to 12,000 mile drains. In addition, the engine runs about 30 percent quieter than prior to using LE products.

Owner Jack Young states, "I cannot say a bad word against LE in any way — a great product line!"

#### ***Other Products Used***

Synolec® Gear Lubricant (9920). While using a competitive 75W-140 gear oil during the winter season, they experienced noise from cold starts and foaming in the differential. Since the conversion to Synolec 9920, the noise from cold starts and the foaming issues have been eliminated.

*Thank you to Jack L. Young, owner, 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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