

# Customer Testimonial



## Full Torque™ S Diesel Fuel Improver (2421)

**Arctic Light Truckin Inc. – Salcha, AK**  
**475-hp 1998 Caterpillar 3406E**

- Increased power and torque
- Reduced fuel costs by up to 6 percent

### Customer Profile

Arctic Light Truckin Inc. is a trucking company in Salcha, Alaska, owned by Bart Mauldin. As an independent owner operator, Bart is responsible for transporting critical and high demand drilling fluids, materials and supplies from Fairbanks to Prudhoe Bay. The largest oil field in North America, Prudhoe Bay is operated by British Petroleum, ExxonMobil and ConocoPhillips.

Bart works 80 hours a week hauling 98,000- to 101,000-lb payloads to drilling companies. He makes multiple 1,000-mile trips each week in often treacherous and adverse weather conditions, often sharing the road with more than 150 other trucking companies running the same route.

### Application

Bart's current truck is a 475-hp 1998 Caterpillar 3406E.

### Challenge

- Severe cold weather (freezing conditions six months out of the year, with temperatures reaching as low as -60°F (-51°C))
- Rigorous and dangerous terrain including 12-14 percent road inclines and solid ice roads
- Strong head winds
- Heavy payloads
- Poor fuel economy
- Low-quality ultra low sulfur diesel (ULSD) fuel
- Cold start challenges
- Fuel gelling
- Pump and injector challenges
- Rough engine and idle chattering sound



### LE Solution

LE's Clay Calk recommended that Bart try the new Full Torque™ S Diesel Fuel Improver (2421). Full Torque is a cetane-boosted, detergent-containing formulation that increases power, improves fuel economy, reduces emissions, and provides smoother performance year-round in diesel engines. It is available in winter (W) and summer (S) versions. (Due to fuel used in Alaska, the W version was not necessary.)



Full Torque's cetane booster increases a fuel's cetane number up to three numbers, resulting in faster ignition time, more power, easier starts and less smoke at startup. It is also loaded with special detergents that keep injector systems clean and working at maximum performance, and contains ingredients that protect against wear, water and corrosion. Full Torque has been formulated to work with today's biofuels, ULSD fuels, and renewable diesel fuels.



### **Results**

Bart has been extremely happy with the Full Torque product. In his own words:

“This new supplement has proved its ability to increase power and torque. I can feel and see the difference when hauling up hill. As the weather has warmed up, I have documented about a 6 percent savings in fuel economy where I used to burn an average 265 gallons every 1,000 miles and am now only burning 250 gallons.”

“I also use LE’s 8800 engine oil and achieved an 86,000-mile oil drain interval, changing filters every 10,000 miles and pulling oil samples every 5,000 miles. I really like LE products and will continue to tell others about the successes these products have delivered.”

### **Other LE Products Used**

- Monolec Ultra® Engine Oil (8800)

*Thank you to Bart Mauldin for providing the information used in this report.*

Monolec Ultra® is a registered trademark of Lubrication Engineers, Inc.

Based on actual user experience. Individual results may vary. Not intended to supersede manufacturer specifications.

LI70889 10-14, rev. 1-15