

Customer Testimonial



Full Torque™ S Diesel Fuel Improver (2421)

Big Al's Trucking – Fairbanks, AK 600-hp 1993 Caterpillar C Model

- Made engine run quieter
- Provided significantly smoother idle
- Improved power while hauling full load uphill
- Reduced fuel costs

Customer Profile

Big Al's Trucking/A-1 Levy Goods is a trucking company in Fairbanks, Alaska. As an independent owner operator, Al "Big Al" Woodward 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.

Big Al 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

Big Al's current truck is a 600-hp 1993 Caterpillar C Model.

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 Al 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

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

“The new fuel supplement is fantastic. The engine is running quieter and significantly smoother at idle. Power has improved while hauling a full load uphill. I have seen a small increase in fuel economy, saving about a half gallon for every 150 gallons purchased.”

“I also tried a competitive fuel supplement recently just for comparison and hands-down the new LE product was significantly better. Overall, I’m very impressed with the performance of this product.”

Thank you to Al Woodward for providing the information used in this report.