

Customer Testimonial



Full Torque™ S Diesel Fuel Improver (2421)

Dunn Trucking – Fairbanks, AK 800-hp 2005 Caterpillar C16

- Reduced fuel costs by 7 percent
- Improved power and torque
- Completely eliminated engine rattle and smoke at startup
- Made engine run smoother

Customer Profile

Dunn Trucking is a trucking company in Fairbanks, Alaska. As an independent owner operator, Terry Dunn is responsible for transporting critical and high demand drilling fluids, materials and supplies from Fairbanks to Prudhoe Bay. The largest oil field in the United States and in North America, Prudhoe Bay is operated by BP, ExxonMobil and ConocoPhillips.

Terry 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

Terry's current truck is an 800-hp 2005 Caterpillar C16.

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 Terry 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

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

“Prior to using this new fuel supplement, my engine was running rough and it rattled. Now the engine is running smooth, and the rattle has completely gone away. I used to see plenty of smoke at startup, and now it doesn’t smoke at all.”

“I notice a big difference on how well the gears hold on when hauling uphill. This is a testament to the increase in power and torque the supplement provides. Also, prior to using Full Torque, I would burn 265 gallons of fuel per trip, and now it is down to 247 gallons. This is a 7 percent savings in fuel economy. Overall, the product works extremely well, and I have really noticed the benefits of the product.”

Thank you to Terry Dunn for providing the information used in this report.