

## Large Moveable Grinder

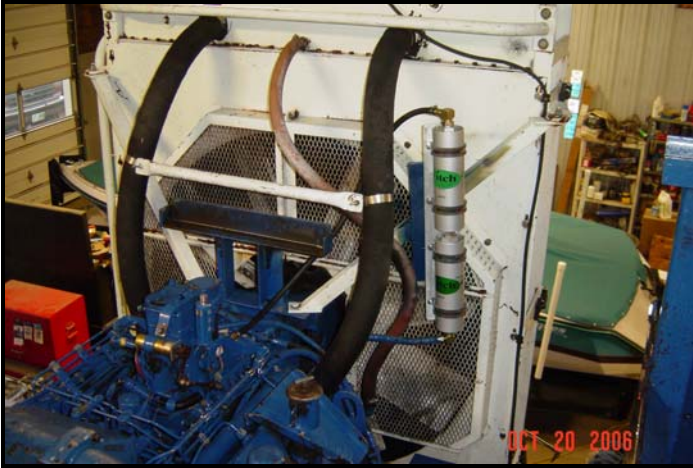


Figure 1 – FFHD-100 (dual in-line units) Millennium Series Fitch Fuel Catalyst installed on Caterpillar 3412 engine.

## Portable Generator Set



Figure 3 – FFHD-100 (dual in-line units) Millennium Series Fitch Fuel Catalyst installed on Caterpillar 3412C engine.



Figure 2 – Baseline fuel consumption estimated at 28.9 gph was reduced to 20-23.5 gph range (over 18% improvement) depending on density of material being processed which varied considerably.



Figure 4 – Cat 3412C Gen Set had significant visible exhaust smoke which was eliminated. Fuel consumption at constant load was reduced from 11.2 gph to 8.6 gph (a very consistent 23.2% reduction).

### Added Benefit

**Starting both these machines in sub-zero weather in North-eastern U.S. has been stellar. Neither one have had any anti-jelling agents added to their fuel.**



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