

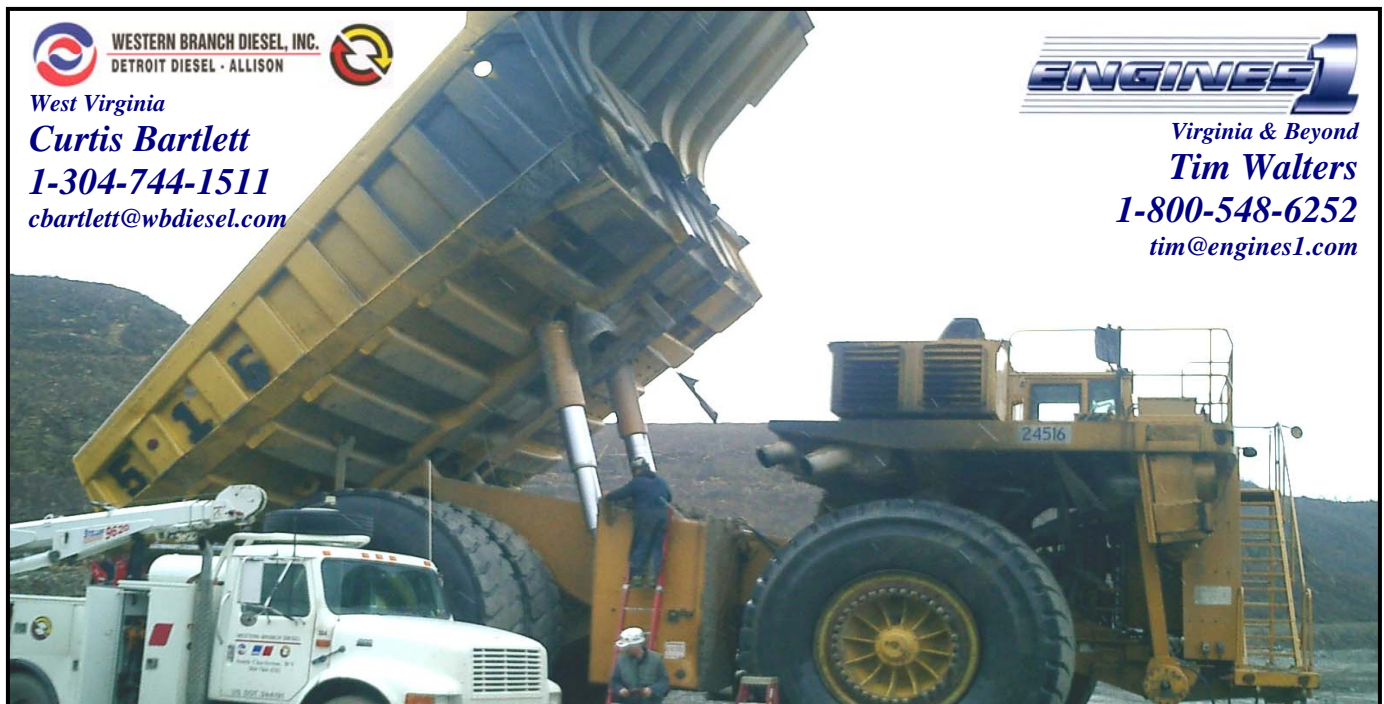
W.V. Mining Company Cuts Downtime, Increases Productivity

In March 2008 Engines1, in a team effort with Western Branch Diesel, Inc of Charleston, WV installed an Algae-X model LG-X3000 fuel conditioner on a Komatsu 200 ton haul truck that operates in the mountains of West Virginia. The complaint from the mine's maintenance manager reported premature fuel filter clogging. The report of 1 to 2 clogged filters before the 350 hour PM was his headache. A single clogged filter cost this company about 1 hour downtime or about \$2000.00 in loss revenues.

After visiting the site and surveying the truck a recipe was developed to fix the problem. The recipe was simple: Polish and clean the tanks, install the LGX3000 fuel conditioner before the primary fuel filter, and add AFC705 fuel treatment to the tank. The haul truck is powered by a 12 cylinder MTU 12V-4000 engine. Primary fuel filtration is provided by a Davco Fuel Pro Filter.

The truck is expected to work approximately 130 hours per week during the 6 day work schedule removing rock from the site. The minor PM is schedule for 350 hours and a major PM is scheduled for 700 hours. After the installation, the maintenance manager called asking if they could run the filter past the 350 hour bogey. Approval was given and after 6 weeks of service the truck hit the milestone of 700 hours, the point at which the major PM takes place. No fuel related down time or fuel filter changes took place during the 700 hour trial. With 56 major pieces of equipment, by eliminating only 1 unnecessary filter change per major piece of equipment, this coal mine site stands to save at least \$112,000.00 annually.

To find out how an LGX Fuel conditioner can save you money call:



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