



REDUCE MINING FUEL COSTS – FTC PROVEN IN SERVICE

Fuel Technology has built its business on high ethical standards and providing evidence to its customers of the efficacy of its FTC combustion catalysts by employing engineering standard evaluation procedures.

During the early 1980's the Company introduced the exhaust emission Carbon Balance test procedure based on Australian Standard AS 2077. Our database covering tests on in excess of 150 pieces of mine equipment shows fuel consumption reductions in the range **6%** to **8%**.

Whilst the Carbon Balance procedure is a scientific method a criticism in relation to mine mobile testing is that it does not assess consumption in the actual working environment. For this reason the Company introduced a controlled truck test procedure based on the engineering standard Specific Fuel Consumption method.

This test measures the fuel consumed by a dump truck in an actual operating cycle. Fuel volume is measured by flow transducers, temperature of the fuel is monitored together with density and corrections to mass of fuel consumed in kilograms for each haul.

Work done is monitored by accurately measuring the distance the truck travels in meters together with the load hauled in kilograms each haul.

The controlled engineering standard tests prove that FTC does provide economic fuel consumption and cost reductions.

Further benefits of FTC's ability to promote more complete combustion of fuel are reduced emissions, reduced carbon build-up in combustion spaces and as a result cleaner engines over time which also results in economic benefits.

Let us prove the value of FTC catalysts in your mining operation. Copies of complete evaluation reports available on request.