



## **REDUCTION IN SMOKE EMISSION BY USE OF FTC COMBUSTION CATALYST**

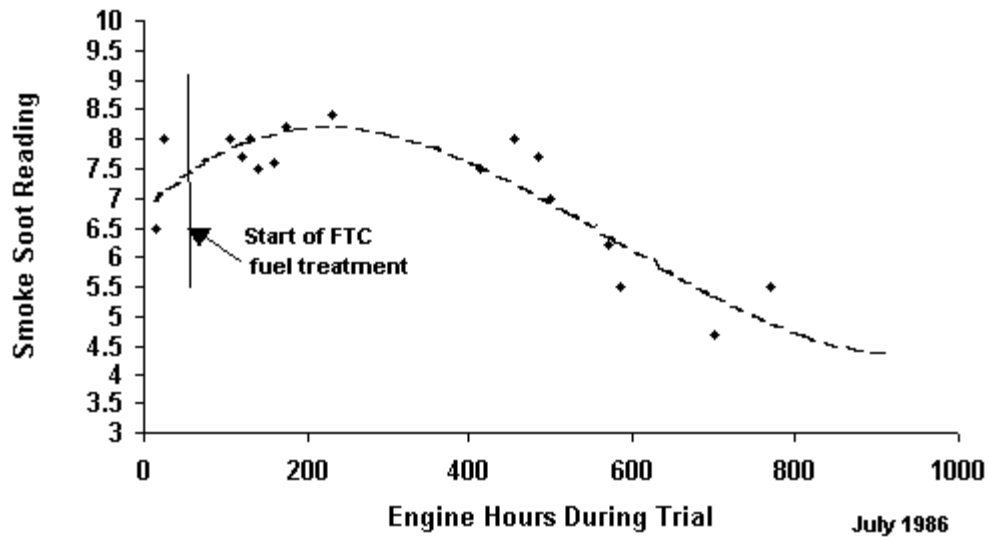
Controlled smoke emission tests were conducted at Renison Mines, Zeehan Operations, prior to addition of FTC Combustion Catalyst and for 1,000 hours after treatment of fuel commenced.

The test vehicle was a Caterpillar 988B Loader, powered by a Caterpillar 3408 engine. The test mode involved running the engine at full throttle in neutral.

Smoke samples were collected using a Bacharach Smoke Meter and comparisons of the smoke spots taken against the Bacharach scale. The higher the number, the greater the smoke level.

The graphical representation below, shows an initial rise in smoke level during the conditioning period, during the first 300 hours operation, then a reduction in smoke levels over the next 700 hours. Overall a 30% reduction.

**SOOT EMISSION TRIAL: CATERPILLAR 3408 ENGINE  
Renison Mines Caterpillar 988B Loader No. 405**



---

**Fuel Technology Pty. Ltd.** ACN 100 293 490

2 Tipping Road, Kewdale, Western Australia, 6105

Telephone (08) 9353; 1016 Facsimile (08) 9353 1013; Email [fueltech@inet.net.au](mailto:fueltech@inet.net.au)

60 Formation Street, Wacol, Queensland, 4076. Telephone (07) 3271 4138 Facsimile (07) 3271 5739