

Red River Mining

Evaluation Date: 10/9/2008

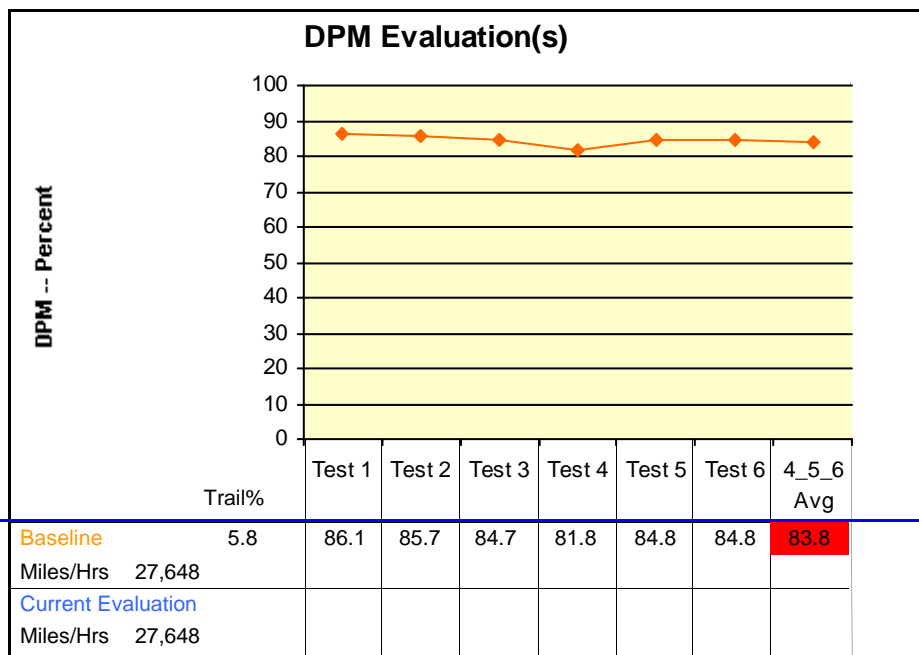
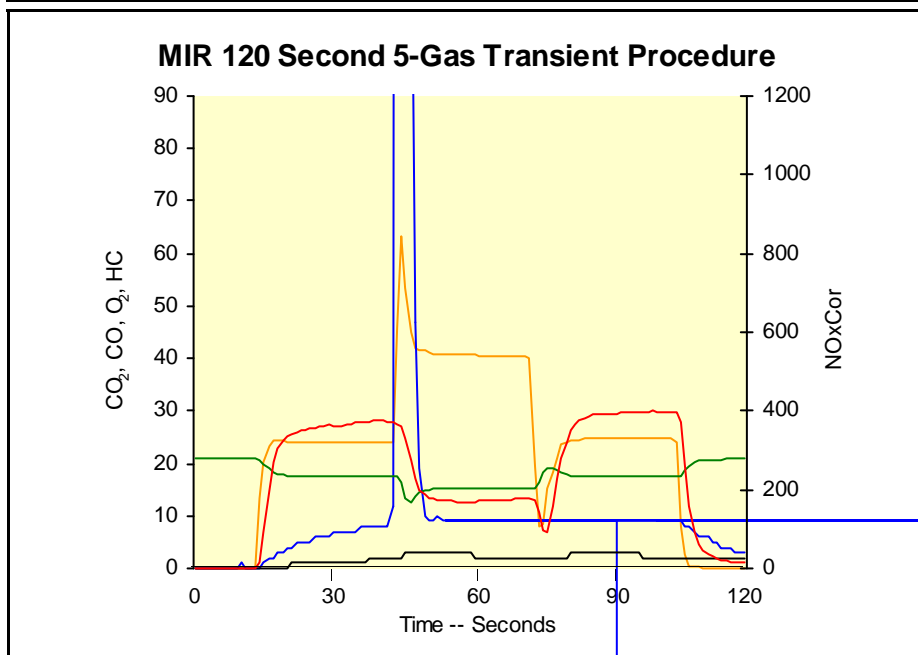


Vehicle # 74325

Year: 1999	Engine mfr: Caterpillar
Vehicle type: Loader	Engine model: 3406C
Vehicle model: 980G	Injection type: M
Vehicle SN:	Fuel type: No data

Annual fuel consumption (gal):	18,000
Average DPM Density (%):	83.8
Calculated fuel loss (gal):	Baseline 3,017
Calculated DPM produced (lbs.):	10/9/2008 1,222
Average DPM Density (%):	83.8
Calculated fuel loss (gal):	Current Evaluation 3,017
Calculated DPM produced (lbs.):	10/9/2008 1,222

CO ₂ % X 10	HC ppm	O ₂ %
CO % X 1000	NO _x Cor ppm	



Recommendations:

Evaluation results indicate the engine is injecting more fuel than it can burn during engine acceleration and at full power. Recommend repairing and adjusting the engines air fuel control valve to limit fuel loss.