

Vehicle # 101196

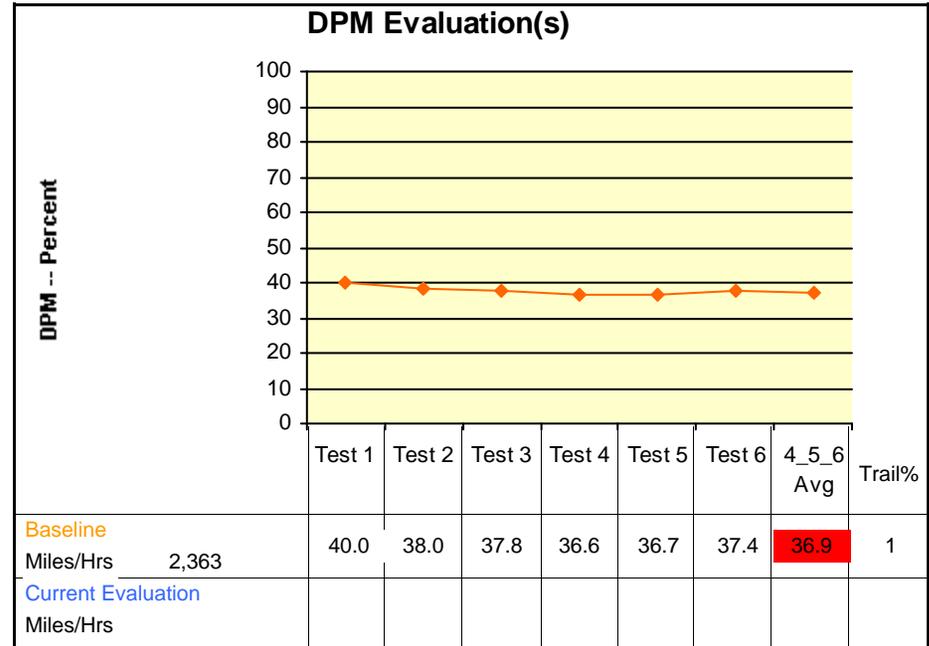
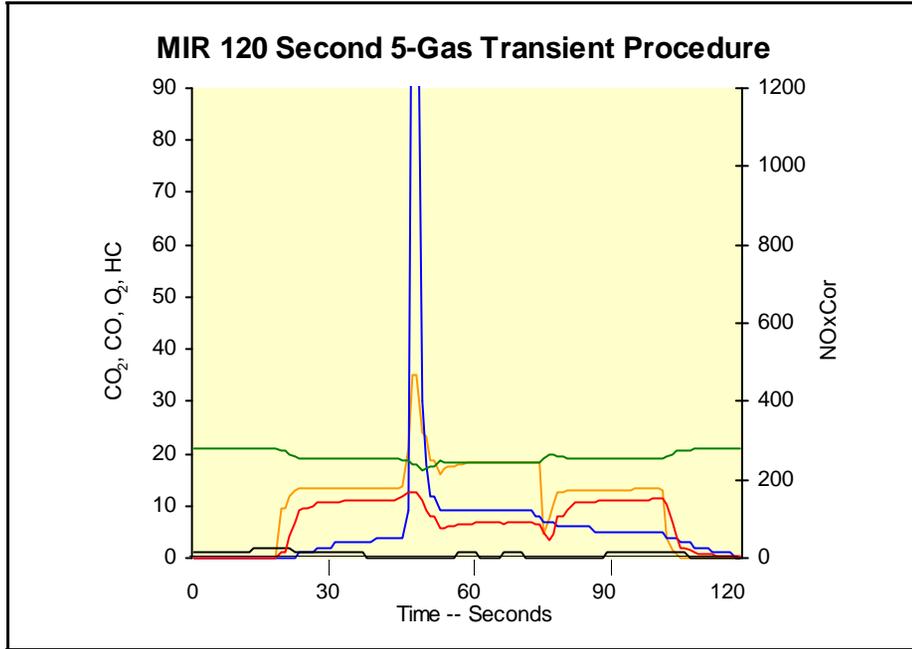
Red River Mining Evaluation Date: 12/15/2004



Year:	2004	Engine mfr:	Caterpillar
Vehicle type:	Loader	Engine model:	3456
Vehicle model:	988G	Injection type:	E
Vehicle SN:		Fuel type:	No data

Annual fuel consumption (gal):		30,000
Average DPM Density (%):	Baseline	36.9
Calculated fuel loss (gal):	12/15/2004	2,215
Calculated DPM produced (lbs.):		897
Average DPM Density (%):	Current Evaluation	36.9
Calculated fuel loss (gal):	12/15/2004	2,215
Calculated DPM produced (lbs.):		897

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. Recommend installing C-Max to reduce DPM and fuel loss.