

# Vehicle # 09237

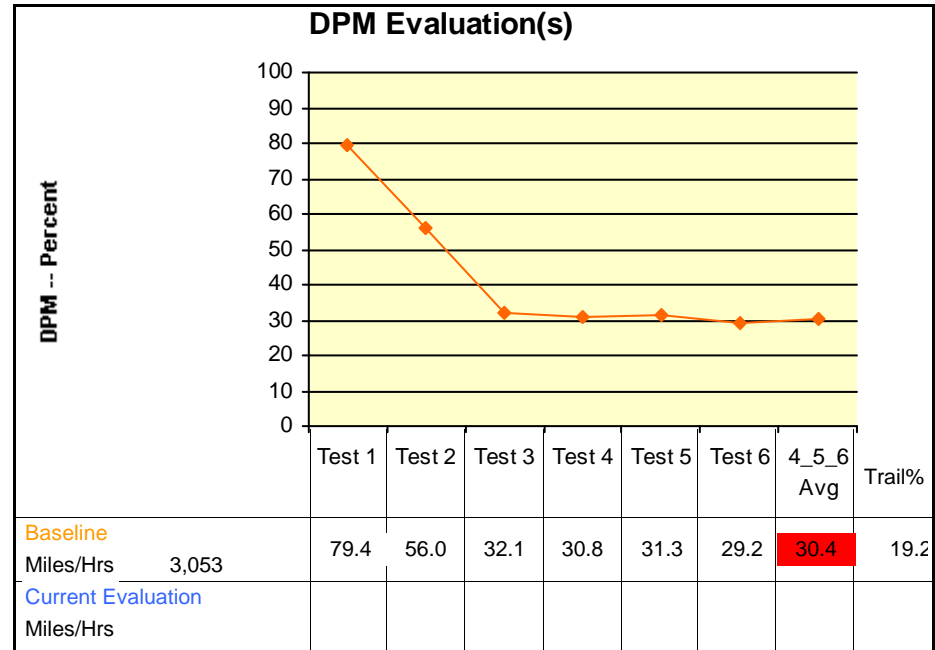
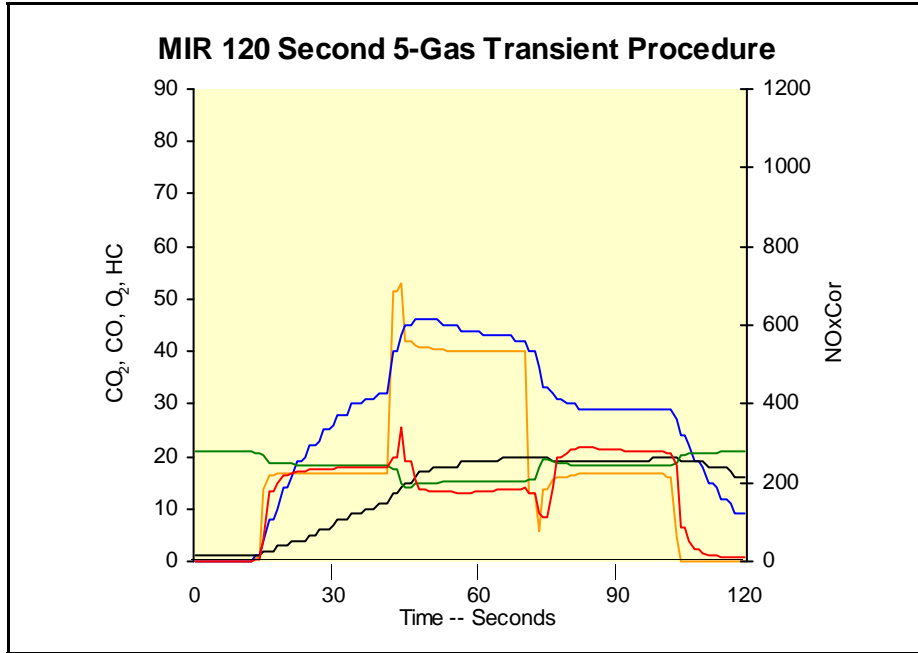
# Red River Mining Evaluation Date: 9/18/2008



Year:	1994	Engine mfr:	Caterpillar
Vehicle type:	Loader	Engine model:	3306
Vehicle model:	966F	Injection type:	M
Vehicle SN:		Fuel type:	No data

Annual fuel consumption (gal):		10,000
Average DPM Density (%):	<b>Baseline</b>	30.4
Calculated fuel loss (gal):	9/18/2008	608
Calculated DPM produced (lbs.):		246
Average DPM Density (%):	<b>Current Evaluation</b>	30.4
Calculated fuel loss (gal):	9/18/2008	608
Calculated DPM produced (lbs.):		246

CO <sub>2</sub> % X 10	HC ppm	O <sub>2</sub> %
CO % X 1000	NO <sub>x</sub> Cor ppm	



## Recommendations:

Evaluation results indicate the engine is injecting more fuel than it can burn during engine acceleration and at full power and also have one or more fuel injectors needing replacement. Recommend adjusting engines air fuel control to reduce fuel loss and replace fuel injectors found defective.