

# Vehicle # 36024

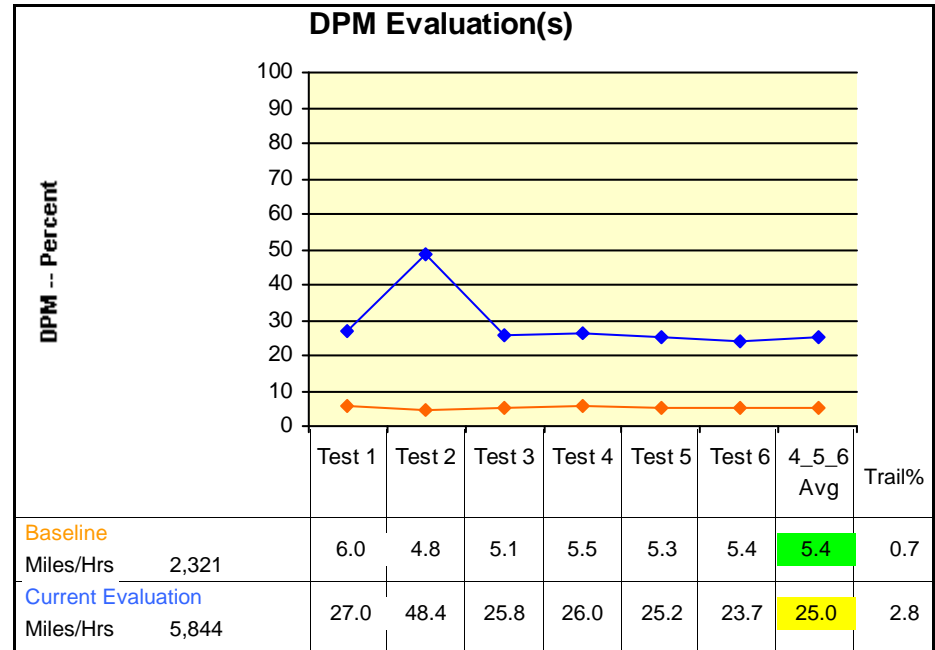
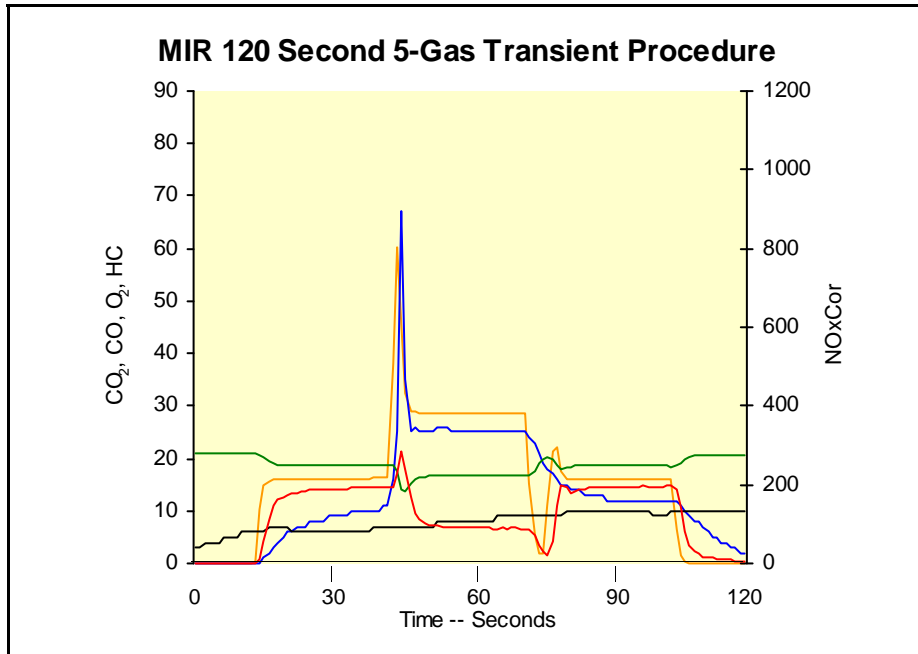
# Red River Mining Evaluation Date: 9/22/2008



Year:	2006	Engine mfr:	Caterpillar
Vehicle type:	Water truck	Engine model:	C-11
Vehicle model:	725	Injection type:	E
Vehicle SN:		Fuel type:	No data

Annual fuel consumption (gal):		12,000
Average DPM Density (%):	<b>Baseline</b>	5.4
Calculated fuel loss (gal):	8/8/2007	129
Calculated DPM produced (lbs.):		52
Average DPM Density (%):	<b>Current Evaluation</b>	25.0
Calculated fuel loss (gal):	9/22/2008	599
Calculated DPM produced (lbs.):		243

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 may have one or more fuel injectors needing replacement. Recommend installing C-Max to reduce DPM and fuel loss and replace injectors found defective.