Vehicle # 15

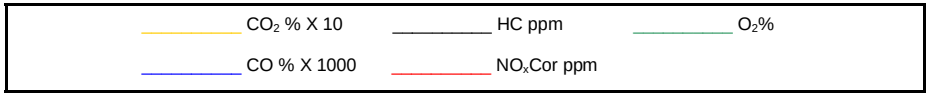
Evaluation Type: Baseline

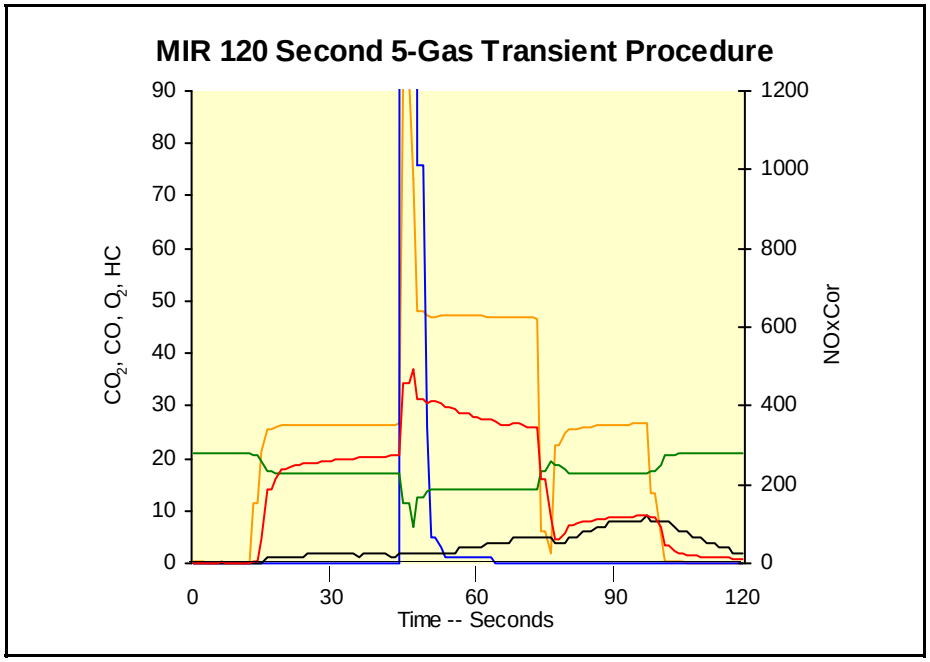
Evaluation Date: 9/14/2009

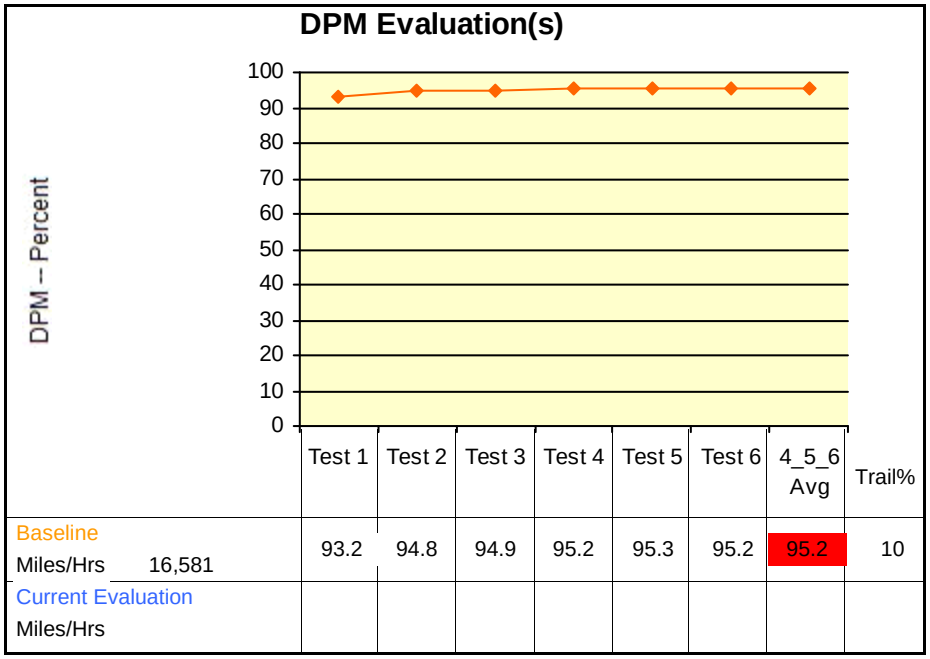
You Cannot Manage What You Cannot Measure

Year:	2000	Engine mfr:	Caterpillar
Vehicle type:	Haul truck	Engine model:	3408
Vehicle model:	769D	Injection type:	E
Vehicle SN:		Fuel type:	#2 Diesel

Annual fuel consumption (gal):		16,000
Average DPM Density (%):	**Baseline**	95.2
Calculated fuel loss (gal):	9/14/2009	3,046
Calculated DPM produced (lbs.):		1,234
Average DPM Density (%):	**Current Evaluation**	95.2
Calculated fuel loss (gal):	9/14/2009	3,046
Calculated DPM produced (lbs.):		1,234







	Test 1	Test 2	Test 3	Test 4	Test 5	Test 6	4_5_6 Avg	Trail%
Baseline Miles/Hrs 16,581	93.2	94.8	94.9	95.2	95.3	95.2	95.2	10
Current Evaluation Miles/Hrs								

Recommendations:

Evaluation results indicate the engine is injecting 'way' more fuel than it can burn during engine acceleration. The five gas results indicate lower than normal Nox and increased Hydrocarbon recorded during the last engine idle at 80 through 100 seconds in the five gas procedure. Recommend replacing the turbo boost sensor followed by conducting an engine diagnostic check. Recommend Installing C-Max to reduce DPM and fuel loss.