

Wayne Supply Engine Lab (Louisville)

Evaluation Date: 7/24/2009



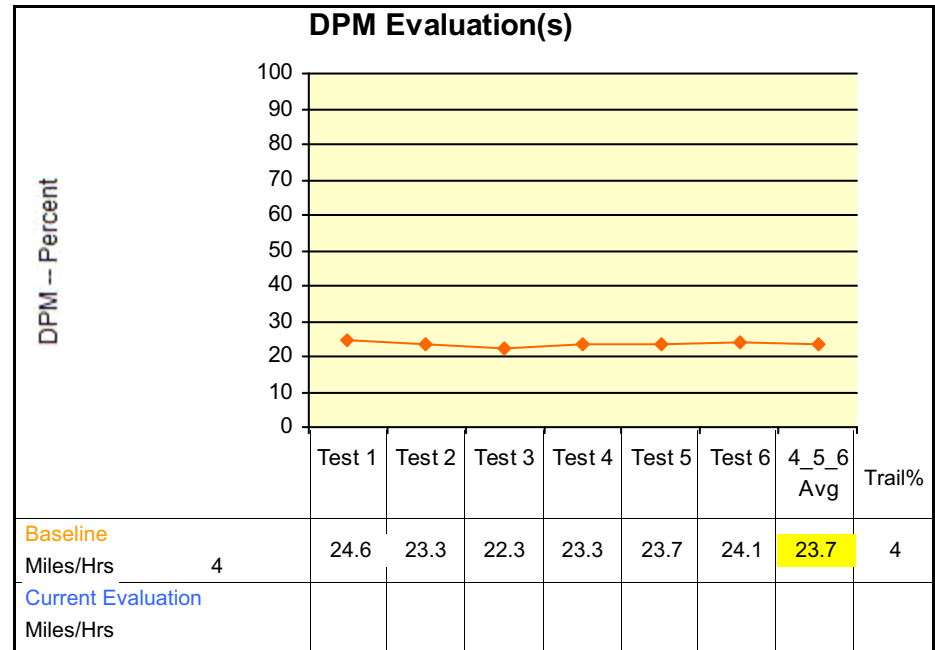
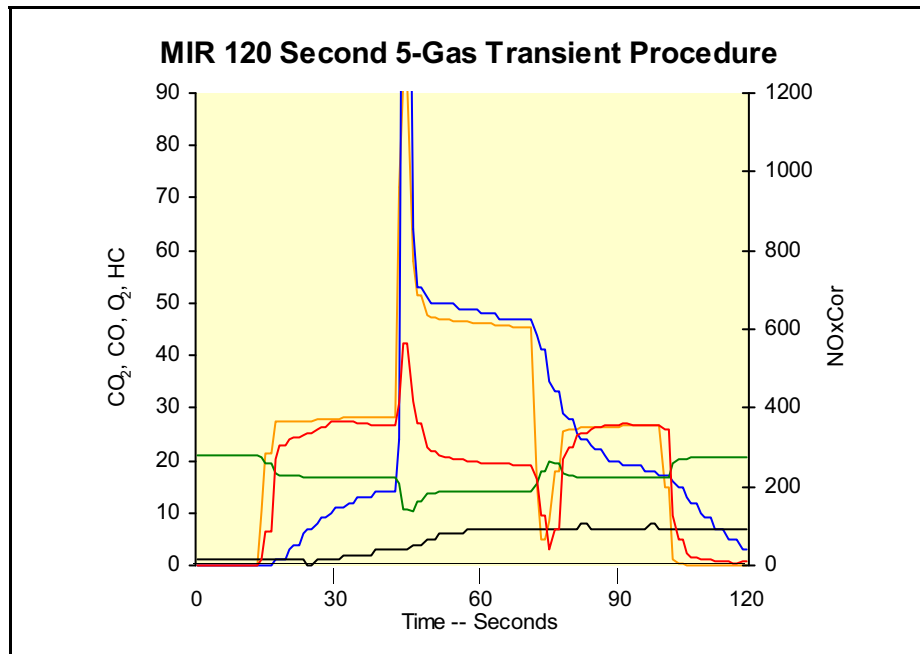
Vehicle # ABK0649

Evaluation Type: Baseline

Year:	2001	Engine mfr:	Caterpillar
Vehicle type:	Dozer	Engine model:	3408
Vehicle model:	D9R	Injection type:	E
Vehicle SN:		Fuel type:	No data

Annual fuel consumption (gal):		90,000
Average DPM Density (%):		23.7
Calculated fuel loss (gal):	Baseline	4,267
	7/23/2009	
Calculated DPM produced (lbs.):		1,728
Average DPM Density (%):	Current Evaluation	23.7
Calculated fuel loss (gal):	7/23/2009	4,267
Calculated DPM produced (lbs.):		1,728

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 fuel loss.