

Vehicle # R01821

China City Bus

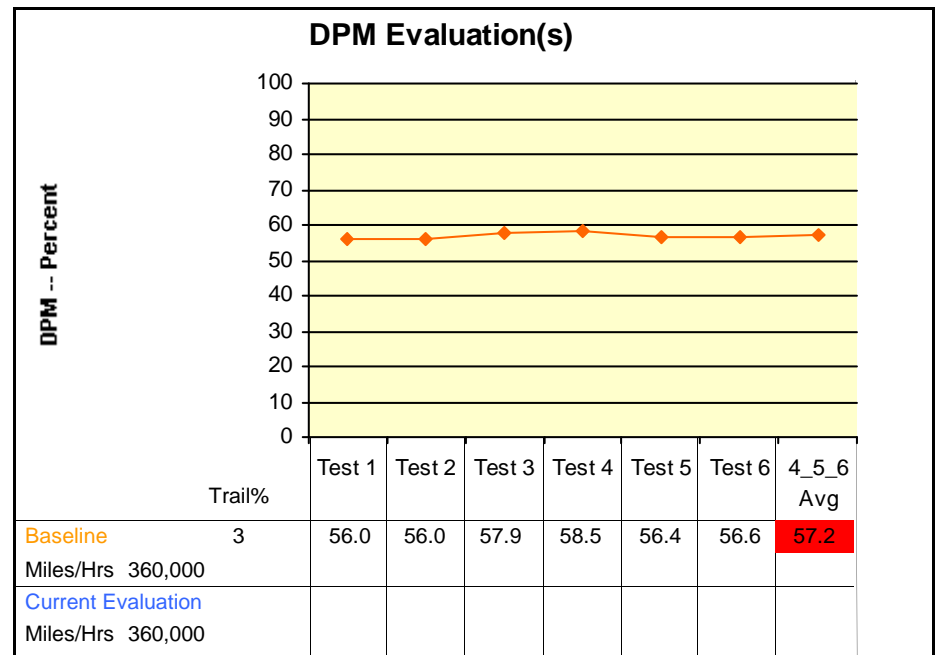
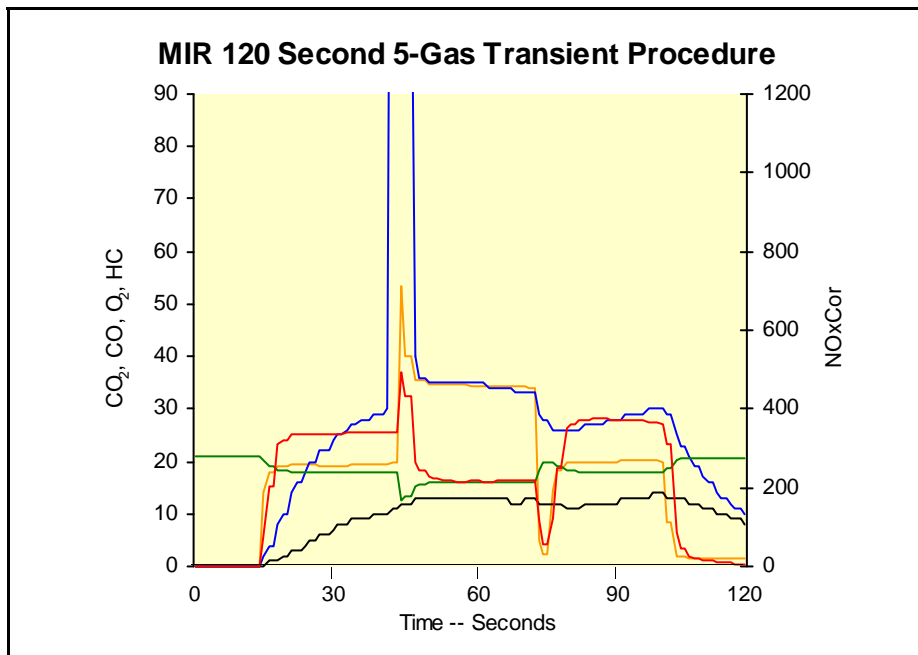
Evaluation Date: 12/3/2008



Year:	2002	Engine mfr:	Yucai
Vehicle type:	Transit bus	Engine model:	4112
Vehicle model:	_Unknown	Injection type:	M
Vehicle SN:		Fuel type:	No data

Annual fuel consumption (gal):	11,000
Average DPM Density (%):	57.2
Calculated fuel loss (gal):	Baseline 1,258
Calculated DPM produced (lbs.):	12/3/2008 510
Average DPM Density (%):	57.2
Calculated fuel loss (gal):	Current Evaluation 1,258
Calculated DPM produced (lbs.):	12/3/2008 510

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 and at full power. Engine Hydrocarbon and Carbon Monoxide are above normal indicating some engine oil and raw diesel fuel measured in the five gas results. Recommend adjusting the engine's fuel injection to match the engine's real-time ability to burn fuel. Adjust the fuel injection timing to the maximum recommended advanced specification for this engine.

NOTE -- ENGINE MAY CLEAN UP WITH JUST FUEL INJECTION ADJUSTMENT