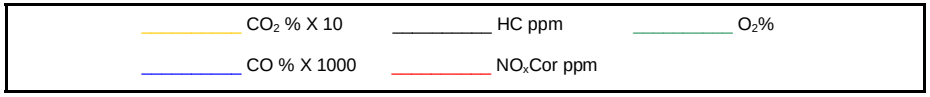
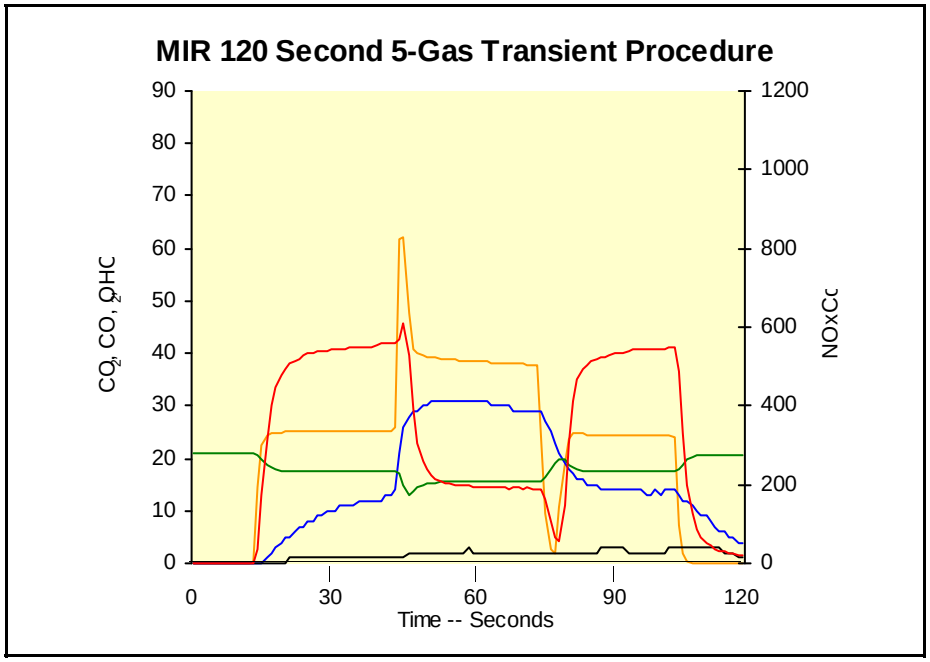
Vehicle #A

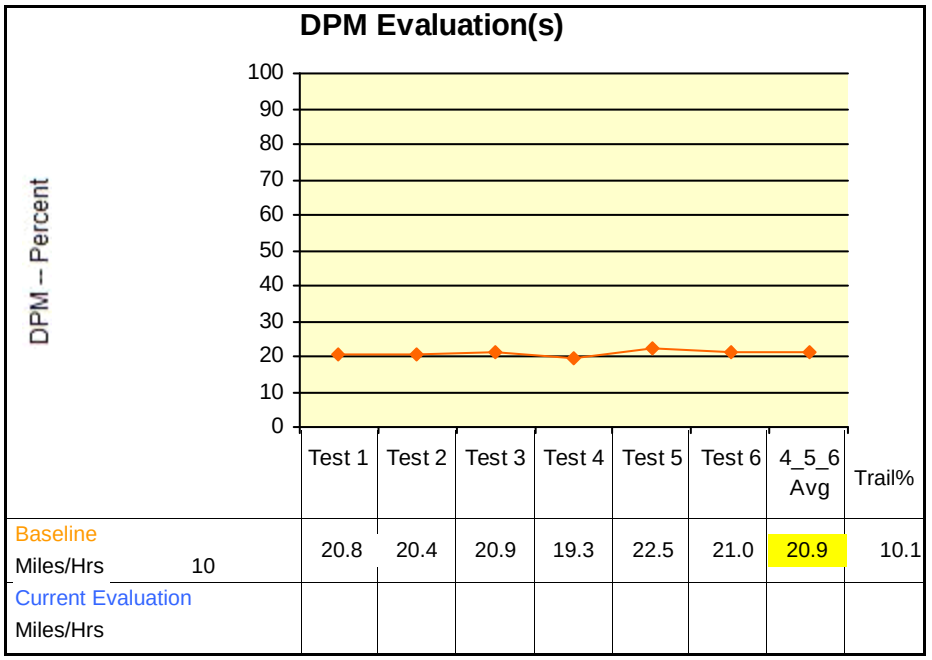
Evaluation Date: 2/8/2010

Year:	2009	Engine mfr:	Caterpillar
Vehicle type:	Haul truck	Engine model:	C-15
Vehicle model:	740	Injection type:	E
Vehicle SN:		Fuel type:	No data

Annual fuel consumption (gal):		40,000
Average DPM Density (%):	**Baseline**	20.9
Calculated fuel loss (gal):	2/8/2010	1,674
Calculated DPM produced (lbs.):		678
Average DPM Density (%):	**Current Evaluation**	20.9
Calculated fuel loss (gal):	2/8/2010	1,674
Calculated DPM produced (lbs.):		678







	Test 1	Test 2	Test 3	Test 4	Test 5	Test 6	4_5_6 Avg	Trail%
Baseline Miles/Hrs 10	20.8	20.4	20.9	19.3	22.5	21.0	20.9	10.1
Current Evaluation Miles/Hrs								

Recommendations:

Evaluation results indicate the engine is injecting more fuel than it can burn during engine acceleration and at full power. Recommend installing C-Max to maintain fuel efficiently and extend engine life.

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Mirenco's recommendations should be initiated at the discretion of the vehicle owner.

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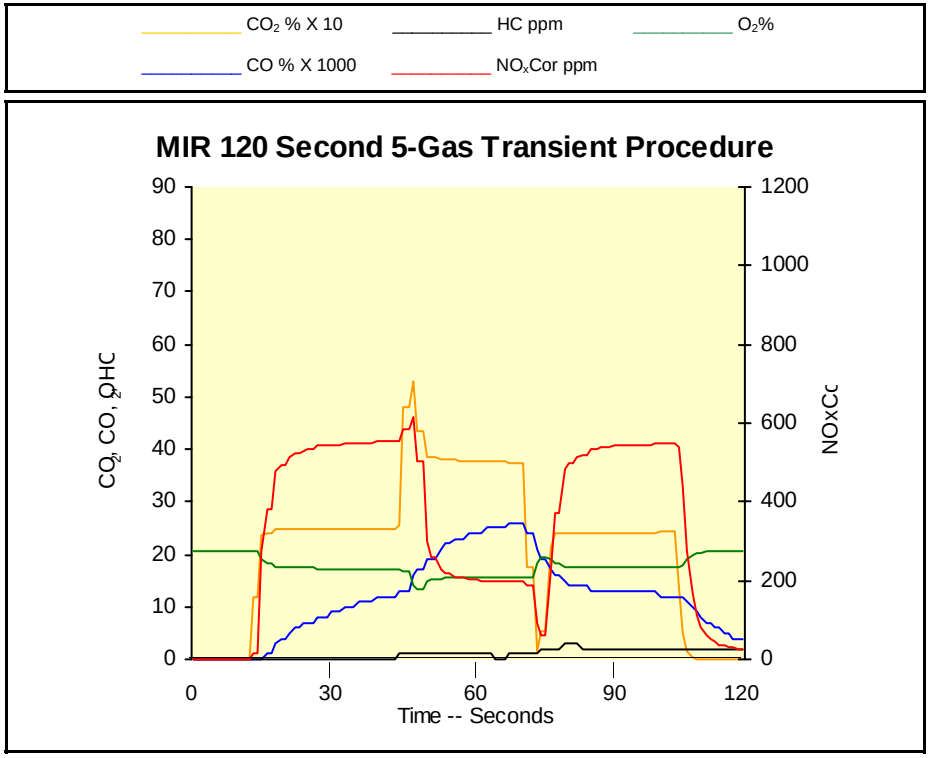
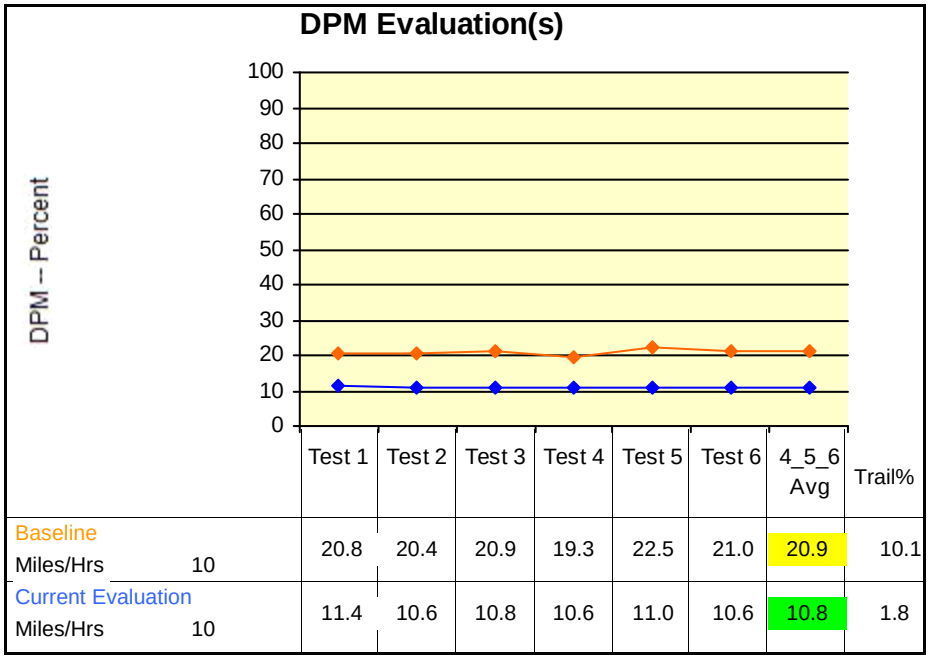
Evaluation Date: 2/8/2010

Year:	2009	Engine mfr:	Caterpillar
Vehicle type:	Haul truck	Engine model:	C-15
Vehicle model:	740	Injection type:	E
Vehicle SN:		Fuel type:	No data

Annual fuel consumption (gal):		40,000
Average DPM Density (%):	**Baseline**	20.9
Calculated fuel loss (gal):	2/8/2010	1,674
Calculated DPM produced (lbs.):		678
Average DPM Density (%):	**Current Evaluation**	10.8
Calculated fuel loss (gal):	2/8/2010	860
Calculated DPM produced (lbs.):		348





	Test 1	Test 2	Test 3	Test 4	Test 5	Test 6	4_5_6 Avg	Trail%
Baseline Miles/Hrs 10	20.8	20.4	20.9	19.3	22.5	21.0	20.9	10.1
Current Evaluation Miles/Hrs 10	11.4	10.6	10.8	10.6	11.0	10.6	10.8	1.8

Recommendations:

No action recommended at this time.

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