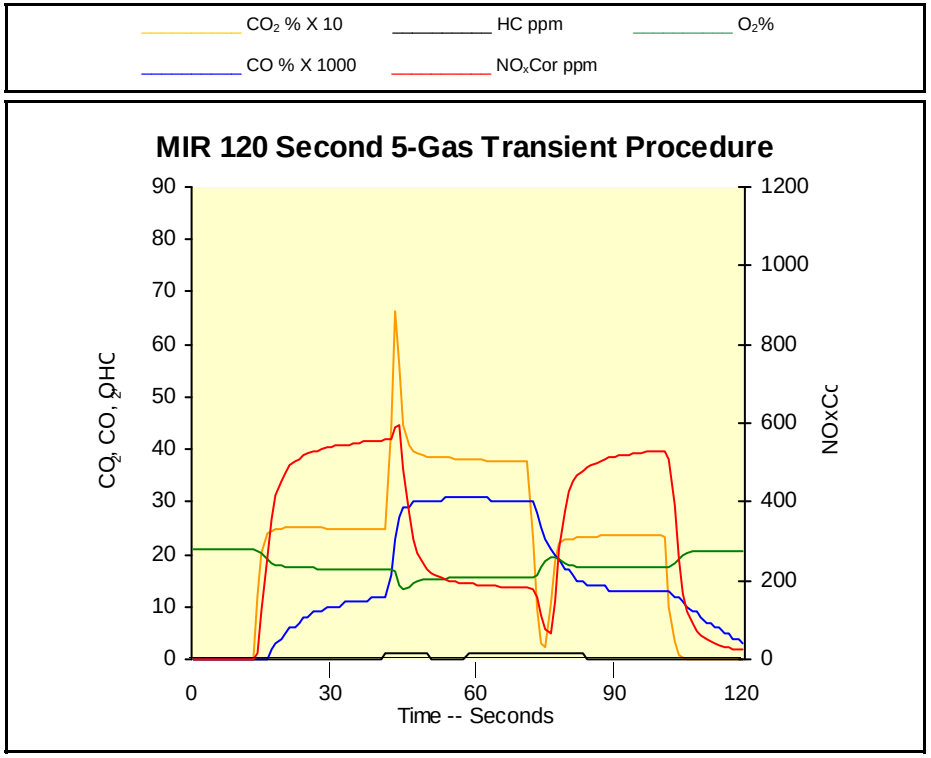
Vehicle #C

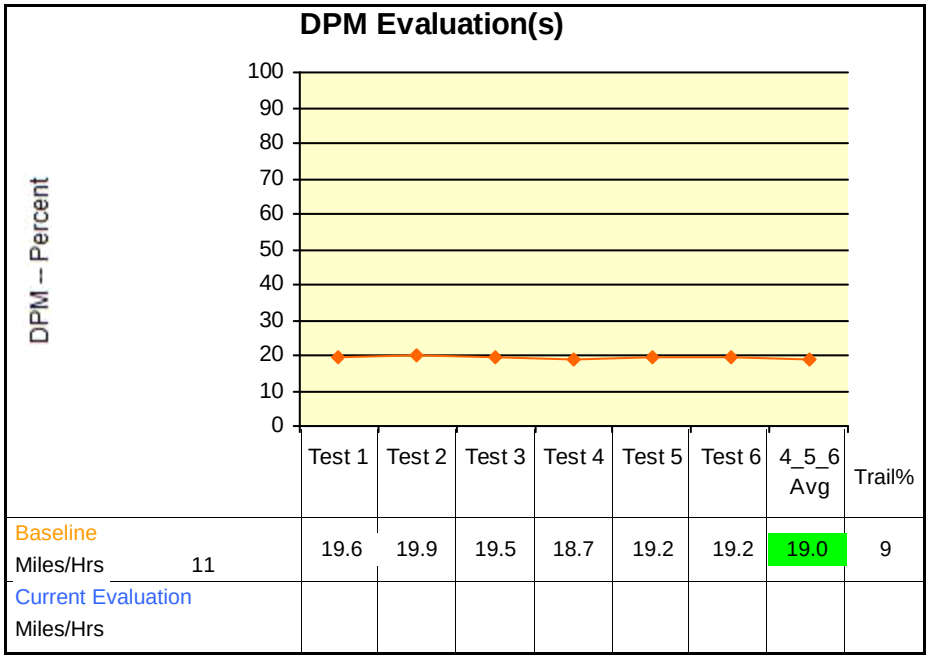
Evaluation Date: 2/8/2010

MIRENCO
You Cannot Manage What You Cannot Measure

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**	19.0
Calculated fuel loss (gal):	2/8/2010	1,522
Calculated DPM produced (lbs.):		616
Average DPM Density (%):	**Current Evaluation**	19.0
Calculated fuel loss (gal):	2/8/2010	1,522
Calculated DPM produced (lbs.):		616





	Test 1	Test 2	Test 3	Test 4	Test 5	Test 6	4_5_6 Avg	Trail%
Baseline Miles/Hrs 11	19.6	19.9	19.5	18.7	19.2	19.2	19.0	9
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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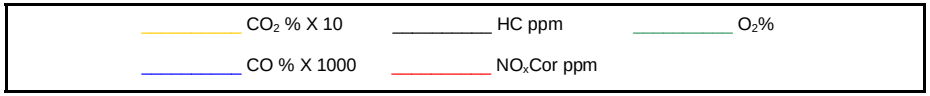
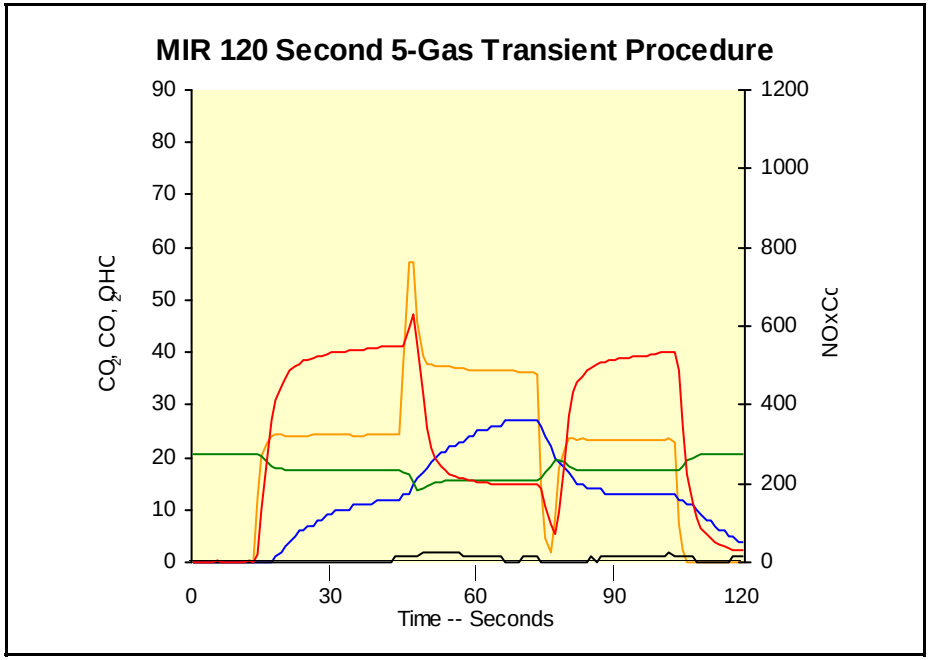
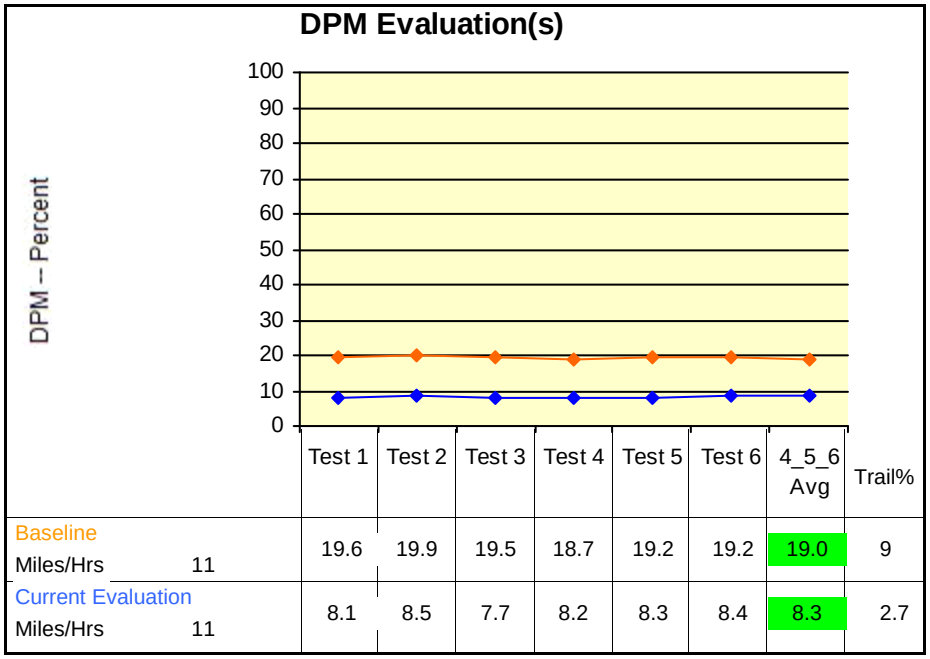
Vehicle SN:		Fuel type:	No data

Annual fuel consumption (gal):		40,000
Average DPM Density (%):	**Baseline**	19.0
Calculated fuel loss (gal):	2/8/2010	1,522
Calculated DPM produced (lbs.):		616
Average DPM Density (%):	**Current Evaluation**	8.3
Calculated fuel loss (gal):	2/8/2010	663
Calculated DPM produced (lbs.):		269







	Test 1	Test 2	Test 3	Test 4	Test 5	Test 6	4_5_6 Avg	Trail%
Baseline Miles/Hrs 11	19.6	19.9	19.5	18.7	19.2	19.2	19.0	9
Current Evaluation Miles/Hrs 11	8.1	8.5	7.7	8.2	8.3	8.4	8.3	2.7

Recommendations:

No action recommended at this time.