

Red River Mining

Evaluation Date: 4/24/2007



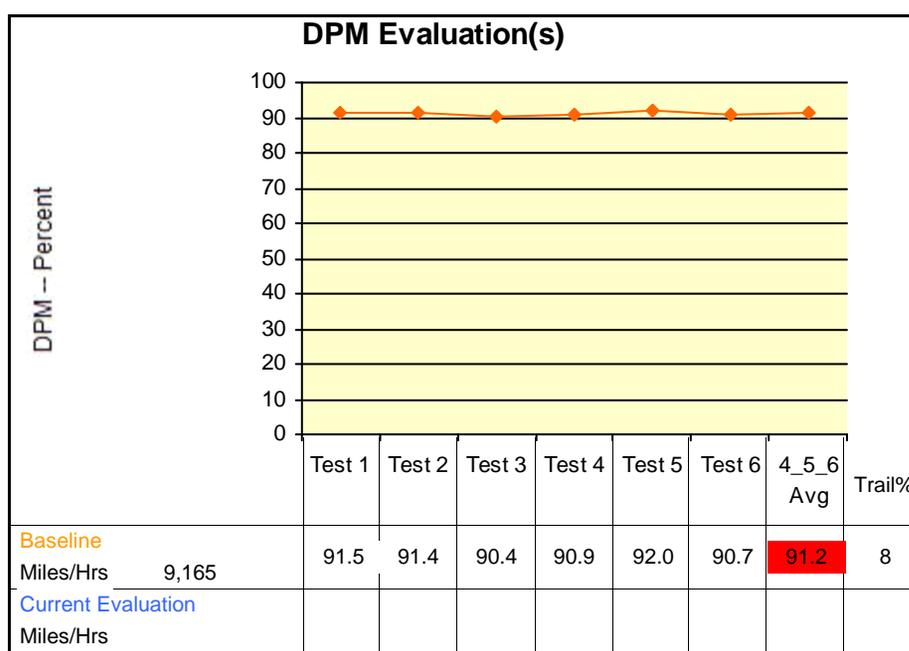
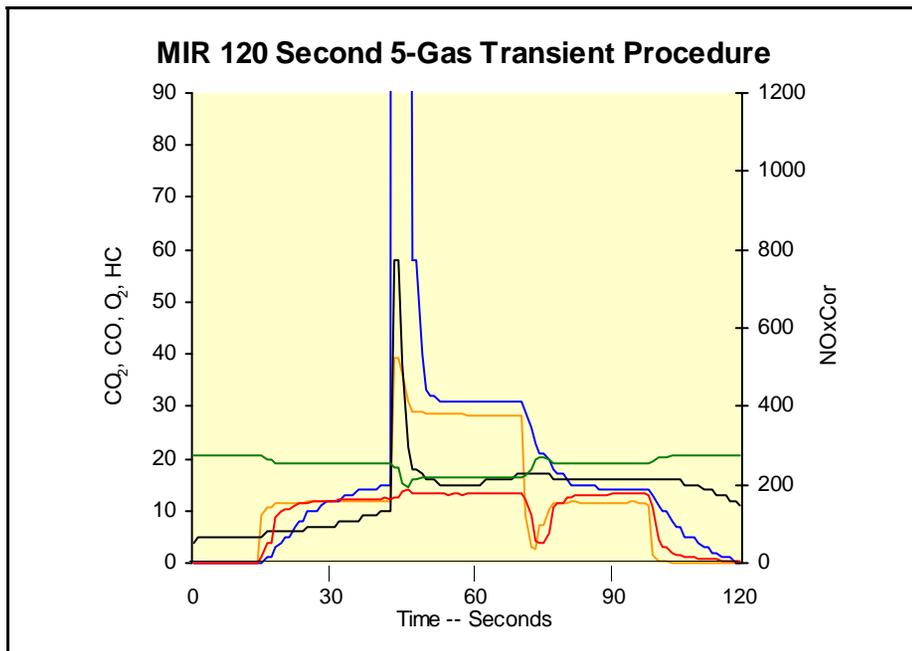
You Cannot Manage What You Cannot Measure

Vehicle # 643

Year: 1994	Engine mfr: Caterpillar
Vehicle type: Water truck	Engine model: 3306B
Vehicle model: _Unknown	Injection type: M
Vehicle SN:	Fuel type: No data

Annual fuel consumption (gal):	10,000
Average DPM Density (%):	91.2
Calculated fuel loss (gal):	1,824
Calculated DPM produced (lbs.):	739
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CO ₂ % X 10	HC ppm	O ₂ %
CO % X 1000	NO _x Cor ppm	



Recommendations:

Replace the engines air/fuel control. The engines fuel injection timing is retarded. The engine has one or more fuel injectors needing replacement. The fuel injection at fuel power needs to be reduced.