

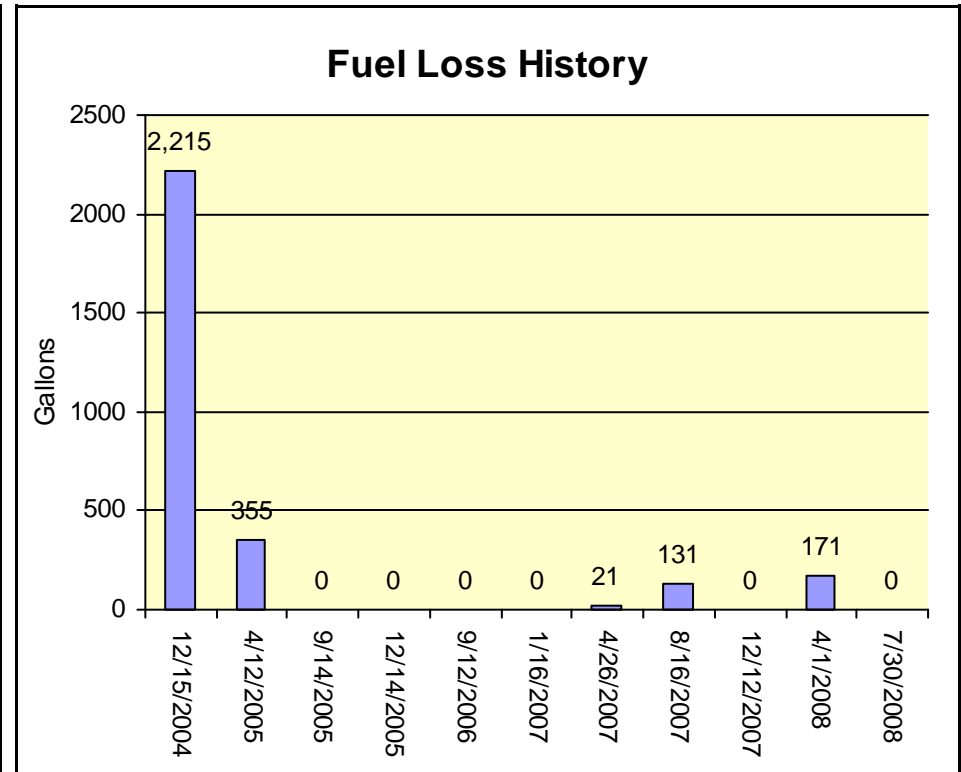
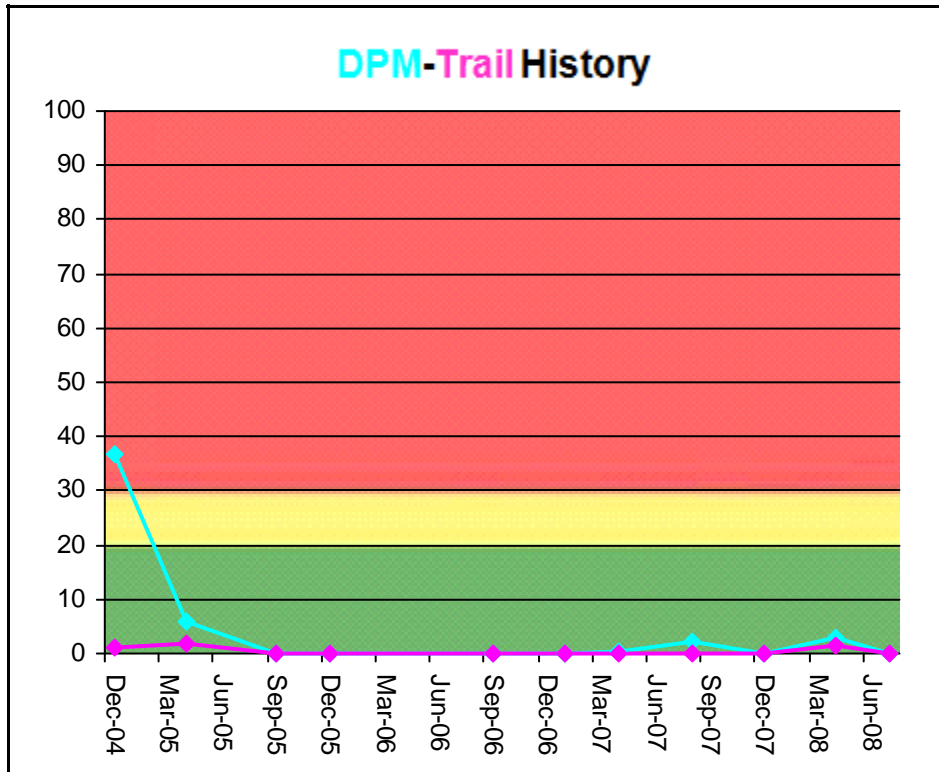
Vehicle History Report

101196



Vehicle SN:		Engine SN:	
Vehicle year:	2004	Engine year:	2004
Vehicle mfr:	Caterpillar	Engine mfr:	Caterpillar
Vehicle type:	Loader	Engine model:	3456
Vehicle model:	988G	Injection type:	Electronic

Parent company:	Red River Mining
Annual fuel consumption (gal):	30,000



Legend - Engine Combustion Status

Red - Advanced Stage
Yellow - Early Stage
Green - Acceptable

MDEP Evaluation History:

Combustion Repairs History:

Date	Location	Evaluation type	DPM	Trail	Fuel type	Miles/hrs
7/30/2008	Red River Mining	With CMax	0.0	0.0	B-60	13,955
Recommendation: No action recommended at this time						
4/1/2008	Red River Mining	With CMax	2.9	1.5	B-55	13,302
Recommendation: No action required at this time.						
12/12/2007	Red River Mining	With CMax	0.0	0.0	No data	12,750
Recommendation: The engine had a C-Max installed on 4/12/2005 and has maintained 0% DPM since installation						
8/16/2007	Red River Mining	With CMax	2.2	0.0	B-60	11,656
Recommendation: No action recommended at this time.						
4/26/2007	Red River Mining	With CMax	0.3	0.0	B-99	10,899
Recommendation: No recommendations for this date						
1/16/2007	Red River Mining	With CMax	0.0	0.0	No data	10,081
Recommendation: No action recommended at this time.						
9/12/2006	Red River Mining	With CMax	0.0	0.0	B-30	8,601
Recommendation: Engine combustion is almost perfect at 0% DPM for more than one year. No action recommended at this time.						
12/14/2005	Red River Mining	With CMax	0.0	0.0	No data	5,618
Recommendation: DPM has almost been eliminated with D-Max operating.						
9/14/2005	Red River Mining	With CMax	0.0	0.0	No data	4,650
Recommendation:						
4/12/2005	Red River Mining	Install CMax	5.9	2.0	No data	3,343
Recommendation: Installed DriverMax® CX #58.						
12/15/2004	Red River Mining	Baseline	36.9	1.0	No data	2,363
Recommendation: Evaluation results indicate the engine is injecting more fuel than it can burn during engine acceleration. Recommend installing C-Max to reduce DPM and fuel loss.						

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