

Model 277EC Fuel Consumption Study

Data Provided By:



Prior to Flight Systems Engine Idle Limiter Installation on a CAT 988 Wheel Loader

Month	Total Fuel Consumption		Total Engine Hours		Average Fuel Per Hour
October-08	2,475		437		5.66
November-08	2,057		347		5.93
December-08	2,472		436		5.67
January-09	2,328		416		5.60
Monthly Average	2,333		409		5.70

After Flight Systems Engine Idle Limiter Installation on a CAT 988 Wheel Loader

Month	Total Fuel Consumption	Total Savings	Total Engine Hours	Total Savings	Average Fuel Per Hour
April-09	1,862	613	295	142	6.31
May-09	2,032	25	238	109	8.54
June-09	1,680	792	193	243	8.70
July-09	1,412	916	166	250	8.51
Monthly Average	1,747	587	223	186	7.83

Total Savings

Month	Gallons of Fuel		Engine Hours		Fuel Efficiency Increased
April-09	613		142		11%
May-09	25		109		44%
June-09	792		243		54%
July-09	916		250		52%

Total Savings	2,346		744		
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Fuel Usage and Engine Hours Chart

