Cashman Equipment Company

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Owner

MARTIN MARIETTA.

SPARKS, NV

Contact:

BOB WIGGENS

Phone:

4254455

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	LIEVIL	
		_

Vehicle MACK Make Model E7 1995 Year

Weight 231059 Mileage VIN SW048221 ID No 1016

Engine

Make MACK Model E7 454 ATAAC Type 470713 Serial No Perf. Spec. 450HP

Transmission Make Model

Type

Driveline Ratio

Axies Tire Type Tire Size Tire Tread

Test Information - TEST 1

Repair Order RT04390 Dyno Location **SPARKS**

Test Description BASE LINE TEST **Test Filename**

Date 2/21/02 **Test Serial No** 162 Cfa Filename SF602 Dyno Operator TODD D **51.9 GE VIBRATION** Time 13:24

System ID

Test Type AUTO LUG

Data Filename C:\windyn\sf602\data\TEST0660

Comments BASE LINE TEST

D	a	ta-	·B	a	S	ic	ŀ	Horsepower	T	est	
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VehSpd mph	VehPwr Hp	C VPwr Hp	VehTrq lb-ft	Fuel V gph	Man P inHq	Man T degF	InletP inH20	EngSpd rpm
62.9	⁻ 5	5	47	5.0	6.6	75	-0.7	2076
33.0	251	261	4285	17.3	30.9	88	-0.8	1131
39.9	345	369	4862	20.6	49.8	104	-1.7	1407
45.6	357	379	4400	22.2	55.1	114	-2.2	1600
52.3	372	388	3998	23.1	54.2	116	-2.6	1801
60.1	168	170	1577	12.1	24.1	98	-1.4	1999

Test Information-TEST 2

Repair Order RT04390 Dyno Location SPARKS

Test Description TEST AFTER REPAIRS Test Filename Data Filename

Test Serial No Cfa Filename Dyno Operator C:\windyn\sf602\data\TEST0662

2/22/02 164 SF602 TODD D **36.6 GE VIBRATION**

Time 13:32 System ID

Test Type AUTO LUG

Comments

Fitted with FTA FMF3 – Fuel Filter FMO3 – Oil Filter

2ND TEST AFTER REPAIRS. Data-Rasic Horsenower Test

Data-Da	2010 1 101	Sepower	1031					
VehSpd	VehPwr	C VPwr	VehTrq	Fuel V	Man P	Man T	InletP	EngSpd
mph	Hp	qH	lb-ft	gph	inHg	degF	inH20	rpm
62.9	4	4	34	4.5	4.4	98	-0.5	2075
34.3	268	278	4393	16.7	32.0	103	-0.6	1173
40.7	332	347	4589	19.5	45.9	117	-1.4	1403
46.3	348	363	4228	21.3	52.3	128	-2.0	1592
52.6	351	363	3755	22.2	52.0	129	-2.3	1793
60.1	161	162	1506	11.8	22.5	111	~1.1	2000

Note: Vibration was reduced from 51.9 to 36.6 GE, a reduction of 29.5%. Fuel economy improved 4.8% overall.