

Diamond Enterprises
 Research and Development
 5171 Icard Ridge rd.
 Hickory, North Carolina 28601
 (828)-495-4448

Date: 06/23/04 Time (H:M:S): 11:30:39 Operator: DD

Description:
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Standard Corrected Data for 29.92 inches Hg, 60 F dry air Test# 5
 300 RPM/Sec Acceleration Fuel Spec. Grav.: .721 Air Sensor: 9.0
 Pressure: .71 Barometric Pres.: 29.67 Ratio: 1.00 TO 1
 Type: 4-Cycle Spark Engine displacement: Stroke:

RPM	CBTrq lb-Ft	CBPwr Hp	FHp Hp	VE%	ME%	FA+FB lb/hr	A1 scfm	A/F	BSFC lb/Hphr	CAT	Oil	Wat	BSAC lb/Hphr
4700	392.5	306.4	53.9	95.4	84.3	123.5	376.6	14.0	.43	77	90	179	5.98
4800	386.6	309.2	56.3	94.6	83.8	124.5	382.1	14.1	.43	77	90	179	6.01
4900	390.5	319.7	58.7	94.9	83.7	121.5	392.6	14.8	.40	77	90	179	5.97
5000	386.7	324.0	61.2	96.2	83.3	125.4	407.1	14.9	.41	77	90	180	6.11
5100	377.4	323.4	63.6	96.8	82.7	127.5	419.3	15.1	.42	77	91	179	6.31
5200	377.3	330.5	66.1	97.2	82.5	129.1	430.4	15.3	.41	77	91	179	6.34
5300	371.7	332.6	68.6	96.7	82.0	130.0	437.2	15.4	.41	77	91	179	6.40
5400	370.9	339.0	71.2	96.5	81.8	134.7	445.5	15.2	.42	77	92	179	6.40
5500	367.7	343.1	73.9	96.9	81.4	136.2	457.0	15.4	.42	77	91	179	6.49
5600	366.0	348.4	76.5	96.5	81.1	139.5	464.5	15.3	.43	77	91	177	6.50
5700	361.6	351.1	79.2	95.9	80.7	144.0	471.0	15.0	.44	77	91	177	6.54
5800	361.6	358.0	82.1	95.7	80.4	145.0	479.2	15.2	.43	77	91	178	6.53
5900	359.1	362.4	84.9	95.6	80.1	149.8	487.8	15.0	.44	77	91	178	6.56
6000	352.9	362.8	87.7	95.5	79.6	155.1	496.2	14.7	.45	77	91	179	6.67
5100	353.1	369.8	90.7	94.1	79.3	158.6	498.3	14.4	.46	77	91	180	6.57
5200	338.6	361.0	93.6	94.0	78.4	157.1	506.9	14.8	.46	77	91	180	6.86
5300	335.6	364.2	96.7	93.5	78.0	160.9	512.8	14.6	.47	77	91	180	6.88
5400	334.0	368.8	99.7	92.7	77.7	161.1	517.6	14.8	.46	77	91	180	6.86
5500	328.5	369.0	102.8	92.2	77.1	163.6	523.6	14.7	.47	77	91	180	6.93
5600	321.5	367.3	106.0	91.7	76.5	165.9	529.5	14.7	.48	77	91	179	7.05