

Data from computer disk file - <500DCR2 >

Standard Corrected Data for 29.92 inches Hg. 60 F dry air Test# 8

Test: 300 RPM/Sec Acceleration Fuel Spec. Grav.: .713 Air Sensor: 6.5
 Vapor Pressure: .41 Barometric Pres.: 29.05 Ratio: 1.00 TO 1
 Engine Type: 4-Cycle Spark Engine displacement: 500.0 Stroke: 4.250

RPM	CBT Lb-Ft	CBHP	FHP	VE%	ME%	FA Lb/Hr	A1 scfm	A/F	BSFC	CAT F	OIL Out	WAT Out	BSAC
2500	512.6	244.0	37.7	75.7	85.9	103.9	258.1	11.4	.45	68	193	178	5.16
2600	508.2	251.6	40.1	73.5	85.5	106.2	260.7	11.3	.45	68	193	179	5.04
2700	518.8	266.7	42.6	74.3	85.5	106.3	274.2	11.8	.42	67	193	179	5.00
2800	535.4	285.4	45.1	74.6	85.7	108.7	286.2	12.1	.40	66	193	180	4.88
2900	555.1	306.5	47.9	77.1	85.8	116.2	306.4	12.1	.40	66	193	180	4.86
3000	557.3	318.3	50.9	79.4	85.5	125.8	326.5	11.9	.42	66	193	180	4.98
3100	562.2	331.8	53.9	80.0	85.3	126.0	340.0	12.4	.40	66	193	180	4.98
3200	567.8	346.0	57.1	79.4	85.1	135.4	347.9	11.8	.41	66	193	180	4.89
3300	564.6	354.8	60.3	80.5	84.7	138.0	363.9	12.1	.41	66	194	180	4.99
3400	565.7	366.2	63.6	80.3	84.5	146.6	373.8	11.7	.42	66	193	180	4.96
3500	567.4	378.1	67.0	80.1	84.2	152.9	383.9	11.5	.43	66	193	180	4.94
3600	570.2	390.8	70.5	81.4	83.9	160.2	400.9	11.5	.43	66	193	180	4.99
3700	569.9	401.5	73.9	81.4	83.7	161.0	412.0	11.8	.43	66	193	180	5.00
3800	574.7	415.8	77.4	81.8	83.5	163.4	425.7	12.0	.42	66	193	180	4.99
3900	580.5	431.1	81.0	83.1	83.4	169.8	443.6	12.0	.42	66	193	180	5.01
4000	582.4	443.6	84.7	84.0	83.1	171.0	459.9	12.3	.41	66	193	180	5.05
4100	584.3	456.1	88.5	84.2	82.9	178.2	473.0	12.2	.41	66	193	181	5.05
4200	589.0	471.0	92.4	85.0	82.8	185.5	488.4	12.1	.42	66	193	181	5.05
4300	580.9	475.6	96.3	84.8	82.3	191.6	499.2	12.0	.43	66	193	181	5.12
4400	580.9	486.7	100.4	84.5	82.0	190.4	509.2	12.3	.42	66	193	181	5.10
4500	581.1	497.9	104.4	85.3	81.8	204.5	525.0	11.8	.44	67	193	181	5.14
4600	578.9	507.0	108.6	85.5	81.5	207.2	537.8	11.9	.43	67	193	181	5.17
4700	572.1	512.0	112.8	85.7	81.0	216.4	551.1	11.7	.45	67	193	181	5.25
4800	561.5	513.2	117.3	85.5	80.5	216.8	561.1	11.9	.45	67	193	181	5.34
4900	555.9	518.6	121.7	85.5	80.0	214.4	572.9	12.3	.44	67	193	181	5.39
5000	559.1	532.3	126.7	86.0	79.8	220.7	588.4	12.2	.44	67	193	181	5.40
5100	543.4	527.7	132.4	85.1	78.9	223.5	593.4	12.2	.45	67	193	181	5.50
5200	543.2	537.8	138.1	84.3	78.5	232.1	599.5	11.9	.46	67	193	181	5.45
5300	530.6	535.4	144.0	83.3	77.7	229.3	603.5	12.1	.46	67	193	181	5.51
5400	515.4	529.9	150.0	84.1	76.8	236.4	621.3	12.1	.48	67	193	181	5.74
5500	504.7	528.5	156.1	82.8	76.0	243.6	622.3	11.7	.49	67	193	182	5.77
5600	496.7	529.6	162.4	83.7	75.3	245.2	640.9	12.0	.49	67	193	182	5.93
5700	480.2	521.2	169.3	81.7	74.2	250.7	637.0	11.7	.51	67	193	182	6.00
5800	478.4	528.3	176.9	80.7	73.6	251.3	640.5	11.7	.51	67	193	183	5.95
5900	456.5	512.8	184.8	80.1	72.2	257.3	646.6	11.5	.54	67	193	183	6.20
6000	444.9	508.3	192.7	79.6	71.1	263.3	652.5	11.4	.56	67	193	183	6.32