

Listing of: JOHN0024 (C:\WINDYN\901\DATA\JOHN0024.SFD)  
 Channel Group: Corrected Torque and Power Page 1 of 1  
 Printed on Aug 3, 2006 at 16:11:06  
 Test Description: Accel. Test - 600 rpm/second

	EngSpd RPM	STPTrq Clb-ft	STPPwr CHp	WtrOut degF	AirTmp degF	Oil In degF	Oil P psig	ManPrs inHg	Displ. In^3
	3100	541.3	319.5	182	84	190	42.0	0.0	464.7
	3200	544.9	332.0	182	84	190	42.3	0.0	464.7
	3300	545.1	342.5	182	84	190	42.7	0.0	464.7
	3400	544.9	352.7	182	84	190	42.9	0.0	464.7
	3500	544.1	362.6	182	84	190	43.0	0.0	464.7
	3600	546.1	374.3	182	84	190	43.0	0.0	464.7
	3700	545.8	384.5	182	84	190	43.0	0.0	464.7
	3800	552.3	399.6	182	84	189	43.0	0.0	464.7
	3900	554.7	411.9	182	84	189	42.9	0.0	464.7
	4000	559.5	426.1	183	84	189	42.7	0.0	464.7
	4100	567.7	443.2	183	84	189	42.6	0.0	464.7
	4200	575.2	460.0	183	84	189	42.4	-0.5	464.7
	4300	581.7	476.2	183	84	189	42.3	-0.8	464.7
	4400	588.6	493.1	183	84	189	42.1	-0.5	464.7
**	4500	594.1	509.0	183	84	189	42.0	-0.6	464.7
	4600	594.9	521.1	183	84	189	42.0	-0.6	464.7
	4700	593.7	531.3	183	82	189	41.9	-0.6	464.7
	4800	592.8	541.8	183	82	189	41.9	-0.6	464.7
	4900	593.6	553.9	183	82	189	41.9	-0.7	464.7
	5000	584.2	556.2	185	83	190	42.0	-0.7	464.7
	5100	580.6	563.8	185	83	190	42.1	-0.7	464.7
	5200	573.3	567.6	185	83	189	42.2	-0.7	464.7
	5300	560.9	566.0	185	83	189	42.3	-0.8	464.7
	5400	544.9	560.2	185	82	189	42.5	-0.8	464.7
	5500	541.9	567.5	185	82	190	42.6	-0.8	464.7
	5600	539.7	575.5	185	83	190	42.8	-1.2	464.7
	5700	532.3	577.7	185	83	190	42.9	-0.9	464.7
**	5800	528.4	583.6	185	83	190	43.2	-0.9	464.7
**Range: 4500 RPM - 5800 RPM									
AVG:	5150	568.2	555.4	184	83	189	42.3	-0.8	464.7
MIN:	4500	528.4	509.0	183	82	189	41.9	-1.2	464.7
MAX:	5800	594.9	583.6	185	84	190	43.2	-0.6	464.7

Listing of: JOHN0024 (C:\WINDYN\901\DATA\JOHN0024.SFD)  
 Channel Group: Measured Torque and Power Page 1 of 1  
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 Test Description: Accel. Test - 600 rpm/second

	EngSpd RPM	EngTrq lb-ft	EngPwr Hp	Fuel A lb/hr	Fuel B lb/hr	Air 1 scfm	A/F Ratio	AFA-1 Ratio	AFA-2 Ratio
	3100	461.1	272.2	77.9	61.6	329	10.79	15.39	14.45
	3200	464.0	282.7	73.4	64.9	333	11.04	15.07	14.39
	3300	464.0	291.5	70.5	69.5	346	11.30	14.81	13.93
	3400	463.5	300.1	68.6	70.3	356	11.74	14.80	13.77
	3500	462.5	308.2	67.6	70.0	363	12.09	14.80	13.74
	3600	464.0	318.0	70.3	70.4	376	12.24	14.82	13.66
	3700	463.5	326.5	71.7	70.7	392	12.60	14.83	13.62
	3800	468.9	339.3	68.3	71.0	409	13.44	14.83	13.50
	3900	470.8	349.6	66.4	73.0	421	13.82	14.83	13.42
	4000	474.7	361.5	78.1	76.8	439	12.98	14.77	13.40
	4100	481.6	376.0	81.1	82.6	456	12.76	14.71	13.31
	4200	487.9	390.2	89.7	86.6	473	12.29	14.71	13.30
	4300	493.3	403.9	85.1	88.0	488	12.91	14.79	13.40
	4400	499.1	418.1	89.3	92.1	500	12.63	14.80	13.43
**	4500	503.5	431.4	99.9	92.8	517	12.29	14.80	13.58
	4600	504.0	441.4	100.6	97.0	531	12.31	14.80	13.60
	4700	505.0	451.9	98.3	101.2	552	12.67	14.80	13.74
	4800	504.0	460.6	104.3	102.9	567	12.53	14.83	13.76
	4900	504.5	470.7	111.9	102.7	586	12.51	14.82	13.83
	5000	494.8	471.1	114.8	108.6	596	12.22	14.82	13.89
	5100	491.3	477.1	114.9	108.1	603	12.37	15.15	13.87
	5200	484.5	479.7	122.1	104.3	617	12.48	15.31	13.88
	5300	473.3	477.6	131.5	106.2	623	12.00	15.35	13.89
	5400	460.1	473.1	132.2	118.5	631	11.53	15.51	13.95
	5500	457.1	478.7	125.2	115.5	639	12.16	15.55	14.01
	5600	453.7	483.8	124.1	119.3	646	12.15	15.26	14.24
	5700	446.9	485.0	120.9	109.6	649	12.88	15.19	14.41
**	5800	443.0	489.2	119.4	115.9	660	12.85	14.85	14.47
**Range: 4500 RPM - 5800 RPM									
AVG:	5150	480.4	469.4	115.7	107.3	601	12.35	15.07	13.94
MIN:	4500	443.0	431.4	98.3	92.8	517	11.53	14.80	13.58
MAX:	5800	505.0	489.2	132.2	119.3	660	12.88	15.55	14.47

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 Channel Group: Efficiencies and Spark Timing Page 1 of 1  
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 Test Description: Accel. Test - 600 rpm/second

EngSpd RPM	BSFC lb/hph	BSAC A lb/hph	Voleff %	BMEP psi	Spctrq lb/ft	TsTim2 second	AFA-3 Ratio	AFA-4 Ratio	
3100	0.513	5.53	92.5	149.6	1.16	0.0	18.38	18.39	
3200	0.489	5.40	90.9	150.6	1.17	0.2	18.39	18.39	
3300	0.480	5.43	91.4	150.6	1.17	0.5	18.39	18.39	
3400	0.463	5.44	91.4	150.4	1.17	0.7	18.39	18.39	
3500	0.446	5.40	90.6	150.1	1.17	0.8	18.39	18.39	
3600	0.442	5.42	91.2	150.6	1.18	1.0	18.39	18.39	
3700	0.436	5.49	92.4	150.4	1.17	1.1	18.39	18.39	
3800	0.411	5.52	93.9	152.2	1.19	1.3	18.39	18.39	
3900	0.399	5.51	94.2	152.8	1.19	1.4	18.39	18.39	
4000	0.428	5.56	95.8	154.1	1.20	1.5	18.39	18.39	
4100	0.435	5.56	97.1	156.3	1.22	1.7	18.39	18.39	
4200	0.452	5.55	98.3	158.3	1.24	1.8	18.39	18.39	
4300	0.429	5.53	99.0	160.1	1.25	2.0	18.39	18.39	
4400	0.434	5.48	99.2	162.0	1.27	2.1	18.39	18.39	
** 4500	0.447	5.49	100.3	163.4	1.28	2.3	18.39	18.39	
4600	0.448	5.51	100.8	163.6	1.28	2.5	18.39	18.39	
4700	0.441	5.59	101.9	163.9	1.28	2.7	18.39	18.39	
4800	0.450	5.64	102.5	163.6	1.28	2.9	18.38	18.39	
4900	0.456	5.70	103.8	163.7	1.28	3.1	18.37	18.39	
5000	0.474	5.80	103.8	160.6	1.26	3.3	18.38	18.39	
5100	0.467	5.78	102.8	159.4	1.25	3.5	18.38	18.39	
5200	0.472	5.89	103.3	157.2	1.23	3.7	18.38	18.39	
5300	0.498	5.97	102.3	153.6	1.21	3.9	18.39	18.39	
5400	0.530	6.11	101.5	149.3	1.17	4.0	18.39	18.39	
5500	0.503	6.11	100.8	148.3	1.17	4.2	18.39	18.39	
5600	0.503	6.11	100.4	147.2	1.16	4.3	18.39	18.39	
5700	0.475	6.12	99.0	145.0	1.15	4.4	18.37	18.39	
** 5800	0.481	6.18	99.1	143.8	1.14	4.7	18.38	18.39	
**Range: 4500 RPM - 5800 RPM									
AVG:	5150	0.475	5.86	101.6	155.9	1.22	3.5	18.38	18.39
MIN:	4500	0.441	5.49	99.0	143.8	1.14	2.3	18.37	18.39
MAX:	5800	0.530	6.18	103.8	163.9	1.28	4.7	18.39	18.39