

Listing of: JOHN0021 (C:\WINDYN\901\DATA\JOHN0021.SFD)
 Channel Group: Corrected Torque and Power Page 1 of 1
 Printed on Aug 3, 2006 at 16:05:32
 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	544.6	321.4	181	84	189	45.7	0.0	464.7
	3200	553.4	337.2	181	84	189	45.9	0.0	464.7
	3300	555.7	349.2	181	83	189	46.0	0.0	464.7
	3400	553.8	358.5	181	83	189	46.0	0.0	464.7
	3500	551.3	367.4	181	83	189	46.0	0.0	464.7
	3600	553.9	379.7	181	83	189	45.8	0.0	464.7
	3700	554.7	390.8	181	83	189	45.6	0.0	464.7
	3800	556.7	402.8	181	83	189	45.4	0.0	464.7
	3900	555.3	412.4	181	83	189	45.1	0.0	464.7
	4000	567.8	432.5	182	83	189	44.9	-0.7	464.7
	4100	579.9	452.7	182	83	189	44.8	0.0	464.7
	4200	589.7	471.6	182	83	189	44.6	-0.5	464.7
	4300	590.2	483.2	182	84	189	44.4	-0.5	464.7
	4400	584.4	489.6	182	85	189	44.3	-0.5	464.7
**	4500	603.8	517.3	182	85	189	44.2	-0.6	464.7
	4600	606.9	531.5	182	85	189	44.1	-0.6	464.7
	4700	611.5	547.2	182	84	189	44.0	-0.6	464.7
	4800	605.6	553.5	182	84	189	44.0	-1.1	464.7
	4900	600.4	560.1	182	84	189	44.0	-0.7	464.7
	5000	593.4	565.0	183	84	189	44.0	-0.7	464.7
	5100	590.0	572.9	183	84	189	44.0	-0.7	464.7
	5200	585.9	580.1	183	84	189	44.1	-0.8	464.7
	5300	570.1	575.3	183	84	189	44.2	-0.8	464.7
	5400	561.6	577.4	183	84	189	44.2	-0.8	464.7
	5500	541.1	566.6	183	83	189	44.3	-0.8	464.7
	5600	540.8	576.6	183	85	189	44.5	-0.9	464.7
	5700	538.3	584.3	183	85	189	44.7	-0.9	464.7
**	5800	525.9	580.8	182	84	189	44.9	-0.9	464.7
**Range: 4500 RPM - 5800 RPM									
AVG:	5150	576.8	563.5	183	84	189	44.2	-0.8	464.7
MIN:	4500	525.9	517.3	182	83	189	44.0	-1.1	464.7
MAX:	5800	611.5	584.3	183	85	189	44.9	-0.6	464.7

Listing of: JOHN0021 (C:\WINDYN\901\DATA\JOHN0021.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	464.0	273.9	72.0	71.5	327	10.44	14.80	14.35	
3200	471.3	287.2	68.2	71.2	333	10.93	14.80	14.20	
3300	474.2	297.9	71.0	70.7	344	11.12	14.80	14.09	
3400	472.3	305.7	69.2	68.6	354	11.77	14.80	13.92	
3500	469.8	313.1	66.8	69.1	362	12.18	14.80	13.90	
3600	471.8	323.4	69.8	69.7	378	12.41	14.80	13.89	
3700	472.3	332.7	66.4	69.8	387	13.02	14.74	13.89	
3800	473.8	342.8	69.7	69.1	403	13.31	14.68	13.84	
3900	472.3	350.7	73.0	70.1	421	13.46	14.75	13.83	
4000	483.0	367.9	76.1	73.1	438	13.45	14.82	13.48	
4100	493.3	385.1	79.8	80.5	460	13.13	14.83	13.45	
4200	501.6	401.1	89.1	93.7	473	11.85	14.84	13.66	
4300	500.6	409.9	91.7	93.9	489	12.06	14.84	13.66	
4400	494.3	414.1	91.2	96.9	496	12.08	14.84	13.62	
** 4500	510.9	437.7	98.4	96.8	515	12.09	14.84	13.71	
4600	513.3	449.6	94.6	101.8	529	12.34	14.84	13.80	
4700	518.2	463.7	105.5	108.4	548	11.72	14.84	13.87	
4800	512.8	468.7	121.2	112.7	564	11.04	14.83	13.90	
4900	507.9	473.9	109.5	173.6	580	9.38	14.83	13.99	
5000	501.6	477.5	111.3	112.9	587	11.98	14.80	13.99	
5100	498.2	483.8	114.9	107.7	596	12.26	14.80	13.99	
5200	494.3	489.4	122.9	107.5	607	12.06	14.89	14.02	
5300	480.1	484.5	124.7	110.1	614	11.98	15.34	13.97	
5400	472.3	485.6	125.9	111.0	622	12.03	15.48	13.93	
5500	455.2	476.7	124.6	118.3	628	11.83	15.48	13.93	
5600	452.3	482.3	127.5	115.6	634	11.94	15.48	13.99	
5700	449.8	488.2	124.3	116.3	646	12.30	14.96	14.19	
** 5800	439.6	485.5	126.0	115.8	655	12.41	14.80	14.37	
**Range: 4500 RPM - 5800 RPM									
AVG:	5150	486.2	474.8	116.5	114.9	595	11.81	15.01	13.97
MIN:	4500	439.6	437.7	94.6	96.8	515	9.38	14.80	13.71
MAX:	5800	518.2	489.4	127.5	173.6	655	12.41	15.48	14.37

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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	0.524	5.47	92.1	150.6	1.17	0.0	18.39	18.39
3200	0.485	5.31	90.8	152.9	1.19	0.2	18.39	18.39
3300	0.476	5.29	90.8	153.9	1.20	0.4	18.39	18.41
3400	0.451	5.30	90.6	153.3	1.19	0.6	18.39	18.41
3500	0.434	5.29	89.9	152.5	1.19	0.7	18.39	18.41
3600	0.431	5.36	91.4	153.1	1.19	0.9	18.40	18.39
3700	0.409	5.33	91.1	153.3	1.19	1.0	18.40	18.39
3800	0.405	5.39	92.4	153.8	1.20	1.2	18.39	18.39
3900	0.408	5.49	93.9	153.3	1.20	1.3	18.39	18.39
4000	0.406	5.45	95.3	156.7	1.22	1.5	18.39	18.39
4100	0.416	5.46	97.6	160.1	1.25	1.6	18.39	18.39
4200	0.456	5.40	98.0	162.8	1.27	1.8	18.39	18.39
4300	0.453	5.46	99.2	162.5	1.27	2.0	18.39	18.39
4400	0.454	5.49	98.7	160.4	1.26	2.1	18.39	18.39
** 4500	0.446	5.39	100.2	165.8	1.30	2.3	18.40	18.40
4600	0.437	5.39	100.6	166.6	1.31	2.4	18.39	18.39
4700	0.461	5.41	101.7	168.2	1.32	2.6	18.39	18.39
4800	0.499	5.51	102.5	166.4	1.30	2.8	18.38	18.40
4900	0.597	5.60	103.3	164.8	1.29	3.1	18.39	18.39
5000	0.470	5.63	102.4	162.8	1.28	3.2	18.39	18.39
5100	0.460	5.64	102.0	161.7	1.27	3.4	18.39	18.40
5200	0.471	5.68	101.9	160.4	1.26	3.6	18.39	18.39
5300	0.485	5.81	101.2	155.8	1.23	3.8	18.39	18.39
5400	0.488	5.87	100.6	153.3	1.21	4.0	18.39	18.40
5500	0.510	6.03	99.3	147.7	1.16	4.1	18.39	18.40
5600	0.504	6.02	99.1	146.8	1.16	4.3	18.39	18.39
5700	0.493	6.06	99.2	146.0	1.16	4.4	18.39	18.38
** 5800	0.498	6.18	98.6	142.7	1.13	4.6	18.37	18.39
**Range: 4500 RPM - 5800 RPM								
AVG:	5150	0.487	5.73	100.9	157.8	3.5	18.39	18.40
MIN:	4500	0.437	5.39	98.6	142.7	2.3	18.37	18.38
MAX:	5800	0.597	6.18	103.3	168.2	4.6	18.40	18.40