

Listing of: JOHN0032 (C:\WINDYN\901\DATA\JOHN0032.SFD)
 Channel Group: Corrected Torque and Power Page 1 of 1
 Printed on Aug 4, 2006 at 13:45:14
 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
	3000	549.0	313.6	176	85	178	37.4	0.0	464.7
	3100	547.1	322.9	176	85	178	38.0	0.0	464.7
	3200	552.3	336.5	176	85	178	38.3	0.0	464.7
	3300	552.1	346.9	176	84	178	38.7	0.0	464.7
	3400	555.1	359.4	176	84	178	39.0	0.0	464.7
	3500	551.1	367.2	177	85	178	39.2	0.0	464.7
	3600	549.7	376.8	177	85	178	39.3	0.0	464.7
	3700	549.4	387.0	177	85	178	39.2	0.0	464.7
	3800	550.2	398.1	177	85	178	39.2	0.0	464.7
	3900	553.3	410.8	177	85	178	39.2	-0.5	464.7
	4000	568.1	432.7	177	85	178	39.2	-0.6	464.7
	4100	576.9	450.3	177	85	178	39.7	-0.7	464.7
	4200	579.3	463.3	178	85	178	39.3	-0.7	464.7
	4300	585.2	479.1	178	85	178	39.3	-0.8	464.7
	4400	590.5	494.7	178	85	178	39.4	-0.8	464.7
**	4500	597.0	511.5	178	85	178	39.4	-0.9	464.7
	4600	601.1	526.4	178	85	178	38.6	-1.0	464.7
	4700	604.7	541.1	178	85	178	39.5	-1.0	464.7
	4800	606.3	554.1	179	86	178	39.7	-1.0	464.7
	4900	599.3	559.1	179	86	178	39.9	-1.1	464.7
	5000	590.9	562.5	179	86	178	40.0	-1.1	464.7
	5100	586.2	569.3	179	86	178	40.1	-1.2	464.7
	5200	581.6	575.9	179	86	178	40.4	-1.2	464.7
	5300	575.4	580.7	179	86	178	40.6	-1.2	464.7
	5400	563.0	578.9	179	86	178	40.8	-1.3	464.7
	5500	552.2	578.3	179	86	178	41.1	-1.3	464.7
	5600	542.5	578.5	179	86	178	41.3	-1.3	464.7
	5700	530.6	575.8	179	86	178	41.4	-1.4	464.7
**	5800	523.5	578.1	179	86	178	41.9	-1.3	464.7
**Range: 4500 RPM - 5800 RPM									
AVG:	5150	575.3	562.2	179	86	178	40.3	-1.2	464.7
MIN:	4500	523.5	511.5	178	85	178	38.6	-1.4	464.7
MAX:	5800	606.3	580.7	179	86	178	41.9	-0.9	464.7

Listing of: JOHN0032 (C:\WINDYN\901\DATA\JOHN0032.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
	3000	468.9	267.8	71.9	66.9	318	10.49	18.35	14.60
	3100	466.9	275.6	72.0	61.3	319	10.97	18.37	14.24
	3200	471.3	287.2	78.1	61.1	326	10.73	18.39	14.14
	3300	471.8	296.4	77.6	61.2	336	11.07	18.39	14.08
	3400	474.2	307.0	72.7	65.6	348	11.52	18.38	13.96
	3500	469.4	312.8	75.8	67.7	356	11.36	18.38	13.95
	3600	467.9	320.7	73.9	68.4	368	11.84	18.37	13.95
	3700	467.4	329.3	73.0	68.3	377	12.22	18.38	13.95
	3800	467.9	338.5	73.3	71.6	394	12.44	18.38	13.92
	3900	470.3	349.2	72.9	72.0	406	12.81	18.38	13.91
	4000	483.0	367.9	70.6	75.2	423	13.28	18.38	13.92
	4100	490.4	382.8	70.6	78.5	441	13.54	18.38	13.92
	4200	492.3	393.7	82.2	86.8	455	12.33	18.36	13.91
	4300	497.2	407.1	84.8	86.2	474	12.70	18.35	13.91
	4400	501.6	420.2	89.4	91.7	488	12.33	18.37	13.90
**	4500	507.0	434.4	90.0	90.3	500	12.71	18.37	13.89
	4600	510.4	447.0	87.3	92.5	519	13.21	18.37	13.94
	4700	513.3	459.3	95.5	95.0	538	12.92	18.38	13.95
	4800	513.3	469.1	98.9	98.8	551	12.76	18.38	13.95
	4900	507.0	473.0	95.9	92.1	564	13.75	18.38	13.95
	5000	499.6	475.6	96.8	93.6	573	13.79	18.38	13.95
	5100	495.2	480.9	105.8	101.5	582	12.85	18.38	13.95
	5200	490.8	485.9	119.5	110.0	591	11.78	18.36	13.95
	5300	485.0	489.4	113.3	108.0	596	12.34	18.35	13.95
	5400	473.8	487.1	119.2	110.8	605	12.05	18.35	13.95
	5500	464.0	485.9	113.7	116.9	613	12.18	18.36	13.95
	5600	455.2	485.4	114.3	128.1	621	11.73	18.37	13.91
	5700	444.4	482.3	115.2	123.3	625	12.00	18.37	13.90
**	5800	437.6	483.3	124.9	121.9	634	11.77	18.37	13.94
**Range: 4500 RPM - 5800 RPM									
AVG:	5150	485.5	474.2	106.4	105.9	580	12.56	18.37	13.94
MIN:	4500	437.6	434.4	87.3	90.3	500	11.73	18.35	13.89
MAX:	5800	513.3	489.4	124.9	128.1	634	13.79	18.38	13.95

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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
3000	0.518	5.44	92.4	152.2	1.18	0.0	18.36	18.37
3100	0.484	5.30	89.8	151.5	1.18	0.2	18.37	18.37
3200	0.485	5.20	88.9	152.9	1.19	0.4	18.37	18.36
3300	0.468	5.18	88.4	153.1	1.19	0.7	18.37	18.38
3400	0.451	5.19	89.0	153.9	1.19	0.9	18.38	18.37
3500	0.459	5.21	88.7	152.3	1.19	1.0	18.38	18.37
3600	0.444	5.25	89.1	151.8	1.18	1.2	18.38	18.37
3700	0.429	5.24	88.9	151.7	1.18	1.3	18.38	18.37
3800	0.428	5.32	90.3	151.8	1.18	1.4	18.37	18.37
3900	0.415	5.32	90.7	152.6	1.19	1.6	18.37	18.37
4000	0.396	5.27	92.2	156.7	1.22	1.7	18.37	18.37
4100	0.389	5.27	93.8	159.1	1.24	1.9	18.37	18.37
4200	0.429	5.29	94.5	159.8	1.25	2.0	18.37	18.37
4300	0.420	5.34	96.2	161.4	1.26	2.2	18.37	18.36
4400	0.431	5.31	96.7	162.8	1.27	2.3	18.37	18.35
** 4500	0.415	5.27	97.0	164.5	1.28	2.5	18.37	18.37
4600	0.402	5.31	98.3	165.6	1.29	2.7	18.38	18.37
4700	0.415	5.36	99.8	166.6	1.30	2.9	18.38	18.37
4800	0.421	5.38	100.4	166.6	1.30	3.1	18.37	18.37
4900	0.397	5.46	100.7	164.5	1.29	3.3	18.38	18.37
5000	0.400	5.52	100.2	162.1	1.27	3.5	18.38	18.37
5100	0.431	5.54	99.7	160.7	1.26	3.6	18.36	18.37
5200	0.472	5.57	99.3	159.3	1.25	3.9	18.37	18.37
5300	0.452	5.58	98.3	157.4	1.24	4.0	18.37	18.37
5400	0.472	5.69	98.0	153.8	1.21	4.2	18.37	18.37
5500	0.475	5.78	97.5	150.6	1.19	4.3	18.38	18.37
5600	0.499	5.86	97.0	147.7	1.17	4.5	18.37	18.36
5700	0.495	5.93	95.8	144.2	1.14	4.6	18.37	18.36
** 5800	0.511	6.01	95.6	142.0	1.13	4.8	18.38	18.37
**Range: 4500 RPM - 5800 RPM								
AVG:	5150	0.447	5.59	98.4	157.5	3.7	18.37	18.37
MIN:	4500	0.397	5.27	95.6	142.0	2.5	18.36	18.36
MAX:	5800	0.511	6.01	100.7	166.6	4.8	18.38	18.37