

Listing of: JOHN0041 (C:\WINDYN\901\DATA\JOHN0041.SFD)  
 Channel Group: Corrected Torque and Power Page 1 of 1  
 Printed on Sep 13, 2006 at 17:41:15  
 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
	3200	554.8	338.0	176	67	164	32.0	0.0	464.7
	3300	558.4	350.8	176	66	164	32.5	0.0	464.7
	3400	555.9	359.8	177	67	164	32.7	0.0	464.7
	3500	553.8	369.1	178	68	164	32.9	0.0	464.7
	3600	555.2	380.5	178	68	164	33.3	0.0	464.7
	3700	552.0	388.9	178	68	164	33.5	0.0	464.7
	3800	552.3	399.6	178	68	164	33.7	0.0	464.7
	3900	549.4	407.9	178	67	164	33.8	0.0	464.7
**	4000	558.3	425.2	178	67	164	34.0	0.0	464.7
	4100	567.7	443.2	178	67	163	34.1	0.0	464.7
	4200	574.5	459.4	179	67	163	34.2	0.0	464.7
	4300	589.8	482.8	180	67	163	34.4	-0.5	464.7
	4400	596.5	499.8	180	66	163	34.6	-0.6	464.7
	4500	596.8	511.3	180	66	163	34.8	-0.5	464.7
	4600	598.5	524.2	180	66	163	34.9	-0.5	464.7
	4700	602.4	539.1	180	66	163	35.0	-0.6	464.7
	4800	606.0	553.8	180	66	163	35.3	-0.8	464.7
	4900	605.1	564.5	180	67	163	35.6	-0.8	464.7
	5000	595.1	566.5	180	68	163	35.7	-0.7	464.7
	5100	592.1	574.9	180	68	163	35.6	-0.7	464.7
	5200	585.4	579.6	180	68	163	36.1	-0.7	464.7
	5300	575.9	581.2	180	68	163	36.5	-0.6	464.7
	5400	569.2	585.2	180	68	163	36.6	-0.8	464.7
	5500	562.5	589.0	180	68	163	36.9	-0.8	464.7
	5600	554.1	590.9	180	68	163	37.0	-0.9	464.7
	5700	546.4	593.0	180	68	163	37.3	-0.8	464.7
**	5800	533.7	589.4	180	68	164	37.5	-0.9	464.7
**Range: 4000 RPM - 5800 RPM									
AVG:	4900	579.5	539.6	180	67	163	35.6	-0.6	464.7
MIN:	4000	533.7	425.2	178	66	163	34.0	-0.9	464.7
MAX:	5800	606.0	593.0	180	68	164	37.5	0.0	464.7

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 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
	3200	491.8	299.6	80.8	72.4	344	10.29	14.05	13.87
	3300	495.7	311.5	74.6	66.9	353	11.41	13.86	13.74
	3400	492.3	318.7	70.0	66.8	357	11.96	13.74	13.73
	3500	489.4	326.1	70.3	69.5	364	11.91	13.64	13.75
	3600	490.4	336.1	71.4	73.2	376	11.91	13.63	13.68
	3700	487.4	343.4	68.3	74.4	387	12.42	13.62	13.61
	3800	487.4	352.6	74.3	77.0	399	12.08	13.67	13.47
	3900	485.5	360.5	73.6	80.5	409	12.16	13.68	13.36
**	4000	493.3	375.7	77.1	83.8	424	12.07	13.73	13.33
	4100	501.6	391.6	81.2	89.5	441	11.84	13.78	13.10
	4200	507.5	405.8	85.8	91.7	454	11.71	13.79	13.08
	4300	521.1	426.6	91.0	96.3	477	11.67	13.82	13.28
	4400	528.0	442.3	93.0	95.0	500	12.18	13.90	13.34
	4500	528.0	452.4	90.0	94.4	510	12.66	13.97	13.45
	4600	529.4	463.7	89.3	94.3	530	13.22	14.10	13.49
	4700	532.8	476.8	92.4	96.6	544	13.19	14.19	13.62
	4800	535.8	489.7	91.8	96.7	561	13.62	14.38	13.58
	4900	533.8	498.0	92.0	103.2	576	13.51	14.47	13.53
	5000	523.6	498.5	94.9	103.9	582	13.40	14.50	13.64
	5100	520.6	505.5	93.9	105.8	590	13.53	14.48	13.65
	5200	514.3	509.2	96.3	106.1	603	13.63	14.47	13.68
	5300	505.5	510.1	103.0	111.4	611	13.04	14.55	13.64
	5400	499.1	513.2	108.0	107.3	618	13.13	14.56	13.62
	5500	492.8	516.1	112.6	108.2	626	12.99	14.59	13.62
	5600	485.0	517.1	122.6	108.7	630	12.47	14.60	13.62
	5700	477.7	518.4	116.4	116.2	637	12.55	14.29	13.67
**	5800	465.9	514.5	125.7	122.2	642	11.85	14.28	13.68
**Range: 4000 RPM - 5800 RPM									
AVG:	4900	510.3	475.0	97.7	101.6	556	12.75	14.23	13.51
MIN:	4000	465.9	375.7	77.1	83.8	424	11.67	13.73	13.08
MAX:	5800	535.8	518.4	125.7	122.2	642	13.63	14.60	13.68

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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
	3200	0.511	5.26	89.3	159.6	1.19	0.0	18.37	18.37
	3300	0.454	5.19	88.5	160.9	1.20	0.3	18.37	18.36
	3400	0.429	5.13	87.3	159.8	1.20	0.5	18.37	18.36
	3500	0.429	5.11	86.5	158.8	1.19	0.6	18.37	18.37
	3600	0.430	5.12	87.0	159.1	1.19	0.8	18.37	18.37
	3700	0.416	5.16	87.1	158.2	1.19	1.0	18.37	18.37
	3800	0.429	5.18	87.5	158.2	1.19	1.1	18.37	18.38
	3900	0.427	5.20	87.2	157.6	1.18	1.2	18.37	18.36
**	4000	0.428	5.17	88.1	160.1	1.20	1.4	18.37	18.35
	4100	0.436	5.16	89.4	162.8	1.22	1.5	18.38	18.36
	4200	0.437	5.12	89.8	164.7	1.24	1.6	18.38	18.37
	4300	0.439	5.12	92.2	169.1	1.27	1.8	18.37	18.37
	4400	0.425	5.18	94.2	171.4	1.28	2.0	18.37	18.36
	4500	0.408	5.16	93.9	171.4	1.28	2.1	18.37	18.36
	4600	0.396	5.23	95.5	171.8	1.29	2.3	18.36	18.36
	4700	0.396	5.23	95.9	172.9	1.30	2.5	18.37	18.36
	4800	0.385	5.24	96.8	173.9	1.30	2.7	18.37	18.36
	4900	0.392	5.29	97.6	173.2	1.30	2.9	18.37	18.37
	5000	0.399	5.34	96.8	169.9	1.28	3.1	18.36	18.36
	5100	0.395	5.34	96.3	168.9	1.27	3.2	18.35	18.36
	5200	0.397	5.42	96.5	166.9	1.26	3.5	18.37	18.36
	5300	0.420	5.48	95.9	164.0	1.24	3.6	18.37	18.36
	5400	0.420	5.51	95.2	162.0	1.22	3.8	18.38	18.36
	5500	0.428	5.56	94.8	159.9	1.21	4.0	18.37	18.36
	5600	0.447	5.58	93.7	157.4	1.19	4.1	18.37	18.36
	5700	0.449	5.63	93.1	155.0	1.18	4.3	18.37	18.36
**	5800	0.482	5.71	92.1	151.2	1.15	4.4	18.37	18.36
**Range: 4000 RPM - 5800 RPM									
AVG:	4900	0.420	5.34	94.1	165.6	1.25	2.9	18.37	18.36
MIN:	4000	0.385	5.12	88.1	151.2	1.15	1.4	18.35	18.35
MAX:	5800	0.482	5.71	97.6	173.9	1.30	4.4	18.38	18.37