

Listing of: JOHN0039 (C:\WINDYN\901\DATA\JOHN0039.SFD)  
Channel Group: Corrected Torque and Power Page 1 of 1  
Printed on Sep 13, 2006 at 17:39:14  
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
	3200	586.8	357.5	175	66	168	32.6	0.0	464.7
	3300	590.8	371.2	175	68	168	32.9	0.0	464.7
	3400	595.4	385.5	175	67	167	34.2	0.0	464.7
	3500	595.1	396.6	175	67	168	33.9	0.0	464.7
	3600	591.6	405.5	175	67	168	34.0	0.0	464.7
	3700	595.5	419.6	175	67	168	34.1	-0.6	464.7
	3800	597.3	432.2	175	67	168	34.2	-0.6	464.7
	3900	599.2	444.9	175	67	168	34.6	0.0	464.7
**	4000	604.3	460.2	176	66	167	34.7	-1.0	464.7
	4100	608.8	475.3	176	66	167	35.0	0.0	464.7
	4200	607.9	486.2	175	66	167	35.0	-0.7	464.7
	4300	608.1	497.9	175	66	167	35.1	-0.9	464.7
	4400	609.5	510.6	175	66	167	35.3	0.0	464.7
	4500	608.6	521.4	175	66	167	35.4	-0.7	464.7
	4600	607.7	532.2	175	66	167	35.6	-1.2	464.7
	4700	609.3	545.2	175	67	167	37.1	-0.7	464.7
	4800	608.0	555.6	175	67	167	36.0	-0.9	464.7
	4900	597.3	557.2	176	67	167	36.1	-0.8	464.7
	5000	592.0	563.6	177	67	168	36.4	-1.1	464.7
	5100	583.1	566.2	177	67	167	36.7	-1.9	464.7
	5200	577.4	571.7	177	67	167	36.9	-1.0	464.7
	5300	570.2	575.4	177	67	167	37.2	-1.6	464.7
	5400	558.7	574.4	177	67	167	37.4	-1.6	464.7
	5500	549.2	575.1	177	67	167	37.8	-1.5	464.7
	5600	537.0	572.6	177	67	167	38.0	-1.2	464.7
	5700	528.7	573.8	177	67	167	38.2	-1.4	464.7
**	5800	529.1	584.3	177	67	167	38.6	-1.3	464.7
**Range: 4000 RPM - 5800 RPM									
AVG:	4900	583.9	542.1	176	67	167	36.4	-1.0	464.7
MIN:	4000	528.7	460.2	175	66	167	34.7	-1.9	464.7
MAX:	5800	609.5	584.3	177	67	168	38.6	0.0	464.7

Listing of: JOHN0039 (C:\WINDYN\901\DATA\JOHN0039.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
	3200	521.6	317.8	98.7	75.8	363	9.52	13.69	13.36
	3300	523.1	328.7	91.7	75.1	367	10.09	13.52	13.20
	3400	528.0	341.8	86.1	67.5	378	11.26	13.34	13.04
	3500	527.5	351.5	85.1	70.7	384	11.29	13.24	12.78
	3600	524.1	359.2	85.9	89.8	397	10.34	13.25	12.72
	3700	527.5	371.6	96.2	93.3	405	9.79	13.26	12.71
	3800	528.9	382.7	93.4	91.6	421	10.43	13.02	12.70
	3900	530.4	393.9	99.9	87.7	438	10.69	12.81	12.71
**	4000	535.8	408.1	107.2	93.8	455	10.37	12.99	12.71
	4100	539.7	421.3	113.2	103.0	475	10.06	13.18	12.83
	4200	538.7	430.8	114.0	106.9	483	10.00	13.26	12.83
	4300	538.7	441.0	115.9	109.1	493	10.02	13.32	13.16
	4400	539.7	452.1	117.5	107.8	509	10.34	13.55	13.26
	4500	538.7	461.6	120.8	109.7	516	10.25	13.60	13.31
	4600	537.7	470.9	121.4	104.6	527	10.68	13.75	13.32
	4700	537.7	481.2	116.7	106.5	540	11.07	13.88	13.33
	4800	536.3	490.1	130.4	100.9	553	10.95	14.25	13.25
	4900	526.5	491.2	134.2	98.6	563	11.07	14.30	13.23
	5000	521.6	496.6	131.7	103.3	572	11.14	14.39	13.62
	5100	513.3	498.4	130.7	106.6	579	11.18	14.23	13.66
	5200	507.9	502.9	129.2	105.7	587	11.44	14.19	13.65
	5300	501.1	505.7	126.3	102.0	595	11.94	14.02	13.63
	5400	490.4	504.2	124.2	102.6	602	12.16	14.01	13.62
	5500	481.6	504.3	120.7	104.4	612	12.46	14.38	13.65
	5600	470.3	501.5	124.4	105.6	620	12.33	14.50	13.65
	5700	462.5	501.9	126.0	106.5	624	12.29	14.57	13.65
**	5800	462.5	510.7	130.4	108.6	632	12.10	14.61	13.65
**Range: 4000 RPM - 5800 RPM									
AVG:	4900	514.8	477.6	122.9	104.5	555	11.15	13.95	13.37
MIN:	4000	462.5	408.1	107.2	93.8	455	10.00	12.99	12.71
MAX:	5800	539.7	510.7	134.2	109.7	632	12.46	14.61	13.66

Listing of: JOHN0039 (C:\WINDYN\901\DATA\JOHN0039.SFD)  
 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	0.549	5.23	93.9	169.3	1.26	0.0	18.37	18.35
	3300	0.507	5.12	92.7	169.8	1.27	0.2	18.37	18.35
	3400	0.449	5.06	92.2	171.4	1.28	0.5	18.36	18.36
	3500	0.443	5.00	91.1	171.2	1.28	0.6	18.37	18.36
	3600	0.489	5.06	91.5	170.1	1.27	0.8	18.37	18.37
	3700	0.510	4.99	91.0	171.2	1.28	0.9	18.37	18.37
	3800	0.483	5.04	92.1	171.6	1.29	1.1	18.37	18.37
	3900	0.476	5.09	93.3	172.1	1.29	1.2	18.37	18.36
**	4000	0.493	5.11	94.3	173.9	1.30	1.3	18.37	18.36
	4100	0.513	5.16	96.0	175.1	1.31	1.5	18.35	18.36
	4200	0.513	5.13	95.2	174.8	1.31	1.7	18.35	18.36
	4300	0.510	5.11	94.9	174.8	1.31	1.8	18.35	18.36
	4400	0.498	5.15	95.8	175.1	1.31	2.0	18.35	18.37
	4500	0.499	5.12	95.0	174.8	1.31	2.1	18.36	18.39
	4600	0.480	5.12	94.9	174.5	1.31	2.3	18.36	18.41
	4700	0.464	5.14	95.4	174.5	1.31	2.5	18.37	18.37
	4800	0.472	5.17	95.7	174.0	1.31	2.7	18.37	18.36
	4900	0.474	5.25	95.4	170.9	1.29	2.9	18.37	18.36
	5000	0.473	5.27	95.0	169.3	1.27	3.1	18.37	18.36
	5100	0.476	5.32	94.4	166.6	1.25	3.2	18.37	18.36
	5200	0.467	5.34	93.8	164.8	1.24	3.4	18.37	18.37
	5300	0.451	5.39	93.3	162.6	1.23	3.6	18.37	18.37
	5400	0.450	5.47	92.7	159.1	1.20	3.8	18.37	18.37
	5500	0.446	5.56	92.5	156.3	1.18	3.9	18.37	18.37
	5600	0.459	5.66	91.9	152.6	1.16	4.1	18.37	18.37
	5700	0.463	5.69	90.9	150.1	1.14	4.2	18.37	18.37
**	5800	0.468	5.66	90.5	150.1	1.14	4.4	18.37	18.35
**Range: 4000 RPM - 5800 RPM									
AVG:	4900	0.477	5.31	94.1	167.1	1.26	2.9	18.36	18.37
MIN:	4000	0.446	5.11	90.5	150.1	1.14	1.3	18.35	18.35
MAX:	5800	0.513	5.69	96.0	175.1	1.31	4.4	18.37	18.41