

LARRY'S ENGINE & MARINE
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Listing of: OMNI4 (C:\WINDYN\901\DATA\OMNI4.SFD)
 Printed on May 2, 2007 at 10:45:01 Stored on May 1, 2007
 Calibrated on May 1, 2007
 Configuration name: 901LAM

Test Description: Accel. Test - 300 rpm/second
 MIKE TIEMAN'S 408 CI LS-2
 GM COMPUTER

Specifications:

EngBor	4.030	inches	EngStr	4.000	inches
EngCyl	8	number	EngCyc	4	cycles
FuelSG	0.750	ratio	IntLng	15	inches
StrTst	3000	second			

SuperFlow WinDyn Software

Listing of: OMNI4 (C:\WINDYN\901\DATA\OMNI4.SFD)
 Channel Group: Corrected Torque and Power Page 1 of 1
 Printed on May 2, 2007 at 10:45:01
 Test Description: Accel. Test - 300 rpm/second

	EngSpd RPM	STPTRq Clb-ft	STPPwr Chp	ManPrs inHg	A/F L1 Ratio	A/F L2 Ratio	Air 1 scfm	BSFC lb/hph	Oil P psig
**	2600	475.8	235.6	0.0	13.2	12.8	0	0.000	38.4
	2700	485.0	249.3	0.0	13.2	12.8	0	0.000	38.8
	2800	488.5	260.4	0.0	13.3	13.0	0	0.000	39.3
	2900	490.9	271.1	0.0	13.3	13.0	0	0.000	39.7
	3000	489.5	279.6	0.0	13.3	13.0	0	0.000	39.9
	3100	491.3	290.0	0.0	13.3	13.0	0	0.000	40.3
	3200	498.8	303.9	0.0	13.1	13.1	0	0.000	40.8
	3300	499.4	313.8	0.0	12.9	13.1	0	0.000	41.3
	3400	497.9	322.3	0.0	13.1	13.4	0	0.000	41.9
	3500	500.4	333.5	0.0	13.2	13.6	0	0.000	41.0
	3600	502.3	344.3	0.0	13.3	13.6	0	0.000	43.0
	3700	512.5	361.1	0.0	13.2	13.6	0	0.000	43.2
**	3800	520.7	376.8	0.0	13.1	13.5	0	0.000	43.6
	3900	526.5	391.0	0.0	12.9	13.2	0	0.000	44.0
	4000	525.3	400.1	0.0	12.5	12.8	0	0.000	44.2
	4100	535.9	418.3	0.0	12.2	12.4	0	0.000	44.6
	4200	538.2	430.4	0.0	12.1	12.3	0	0.000	45.2
	4300	547.0	447.8	-0.5	12.1	12.4	0	0.000	45.7
	4400	544.6	456.3	0.0	12.1	12.5	0	0.000	46.2
	4500	546.3	468.1	-0.5	12.3	12.6	0	0.000	46.7
	4600	549.3	481.1	-0.5	12.5	12.8	0	0.000	47.2
	4700	541.6	484.6	-0.6	12.9	13.0	0	0.000	47.6
	4800	527.1	481.7	0.0	13.4	13.5	0	0.000	48.0
	4900	527.7	492.4	-0.5	13.7	13.9	0	0.000	48.4
	5000	521.4	496.3	-0.5	13.9	14.0	0	0.000	48.7
	5100	517.7	502.7	-0.5	14.1	14.1	0	0.000	48.9
	5200	523.8	518.6	-0.6	14.0	14.1	0	0.000	49.1
	5300	519.1	523.8	-0.5	13.6	13.6	0	0.000	49.6
	5400	507.1	521.4	-0.6	13.4	13.3	0	0.000	49.7
	5500	493.0	516.3	-1.0	13.2	13.2	0	0.000	49.9
**Range:	2600 RPM -	3800 RPM							
AVG:	3200	496.4	303.2	0.0	13.2	13.2	0	0.000	40.9
MIN:	2600	475.8	235.6	0.0	12.9	12.8	0	0.000	38.4
MAX:	3800	520.7	376.8	0.0	13.3	13.6	0	0.000	43.6

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Listing of: OMNI4 (C:\WINDYN\901\DATA\OMNI4.SFD)
 Channel Group: Exhaust Temperatures Page 1 of 1
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 Test Description: Accel. Test - 300 rpm/second

	EngSpd RPM	Exh1 degF	Exh2 degF	Exh3 degF	Exh4 degF	Exh5 degF	Exh6 degF	Exh7 degF	Exh8 degF
**	2600	739	792	762	788	716	267	730	763
	2700	752	811	778	806	732	290	748	778
	2800	765	830	793	822	747	314	766	794
	2900	773	834	801	838	762	338	782	807
	3000	780	852	814	851	770	339	785	811
	3100	792	866	824	855	777	371	802	828
	3200	803	881	831	871	792	404	819	842
	3300	813	891	845	888	807	437	837	859
	3400	827	911	859	907	823	474	855	877
	3500	843	932	874	925	840	513	874	895
	3600	851	953	887	945	855	545	886	900
	3700	865	969	895	946	857	555	895	917
**	3800	867	974	902	969	873	589	908	927
	3900	882	993	914	981	881	594	913	935
	4000	892	1003	915	985	888	628	927	948
	4100	896	1012	925	1000	899	653	937	956
	4200	908	1027	936	1015	909	678	947	962
	4300	920	1042	947	1030	922	711	964	977
	4400	934	1057	957	1044	932	729	967	981
	4500	947	1072	968	1058	942	743	978	995
	4600	962	1087	979	1070	949	773	993	1009
	4700	978	1103	993	1087	963	802	1009	1024
	4800	994	1119	1005	1095	982	828	1026	1041
	4900	1009	1132	1014	1111	1001	852	1044	1057
	5000	1023	1141	1033	1126	1021	880	1061	1072
	5100	1032	1160	1052	1141	1040	903	1073	1076
	5200	1048	1173	1062	1142	1043	910	1082	1093
	5300	1062	1186	1079	1158	1061	932	1099	1108
	5400	1064	1189	1086	1170	1077	948	1111	1115
	5500	1077	1198	1098	1179	1089	956	1115	1121
**Range:	2600 RPM -	3800 RPM							
AVG:	3200	805	884	836	878	796	418	822	846
MIN:	2600	739	792	762	788	716	267	730	763
MAX:	3800	867	974	902	969	873	589	908	927

SuperFlow WinDyn Software

Corrected Torque and Power

OMNI4,

