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Listing of: MILL0018 (C:\WINDYN\901\DATA\Lotus\1600\Autosci\MILL0303\MI
Printed on Mar 24, 2003 at 15:55:23 Stored on Mar 24, 2003
Calibrated on Mar 24, 2003
Configuration name: CD901

Test Description: Accel. Test - 300 rpm/second

3-24-03

Carb 40 DCOE

Main 135

Air 170

Emulsion F16

Venturi 34

Fuel pressure - 3.2 lbs

Ign timing 35 @ 4500

Cam 7514 .462 lift 291@ .020"

Fuel ERC 110

Plugs NGK B9EV

Exhaust 1.625 x 18 pri - 1.75 x 18 sec - 2.25 x 36 Tail pipe, 4-2-1

Specifications:

EngBor 3.287 inches

EngCyl 4. number

FuelSG 0.730 ratio

IntLng 15 inches

EngStr 2.864 inches

EngCyc 4 cycles

VapPrs 0.27 InHg

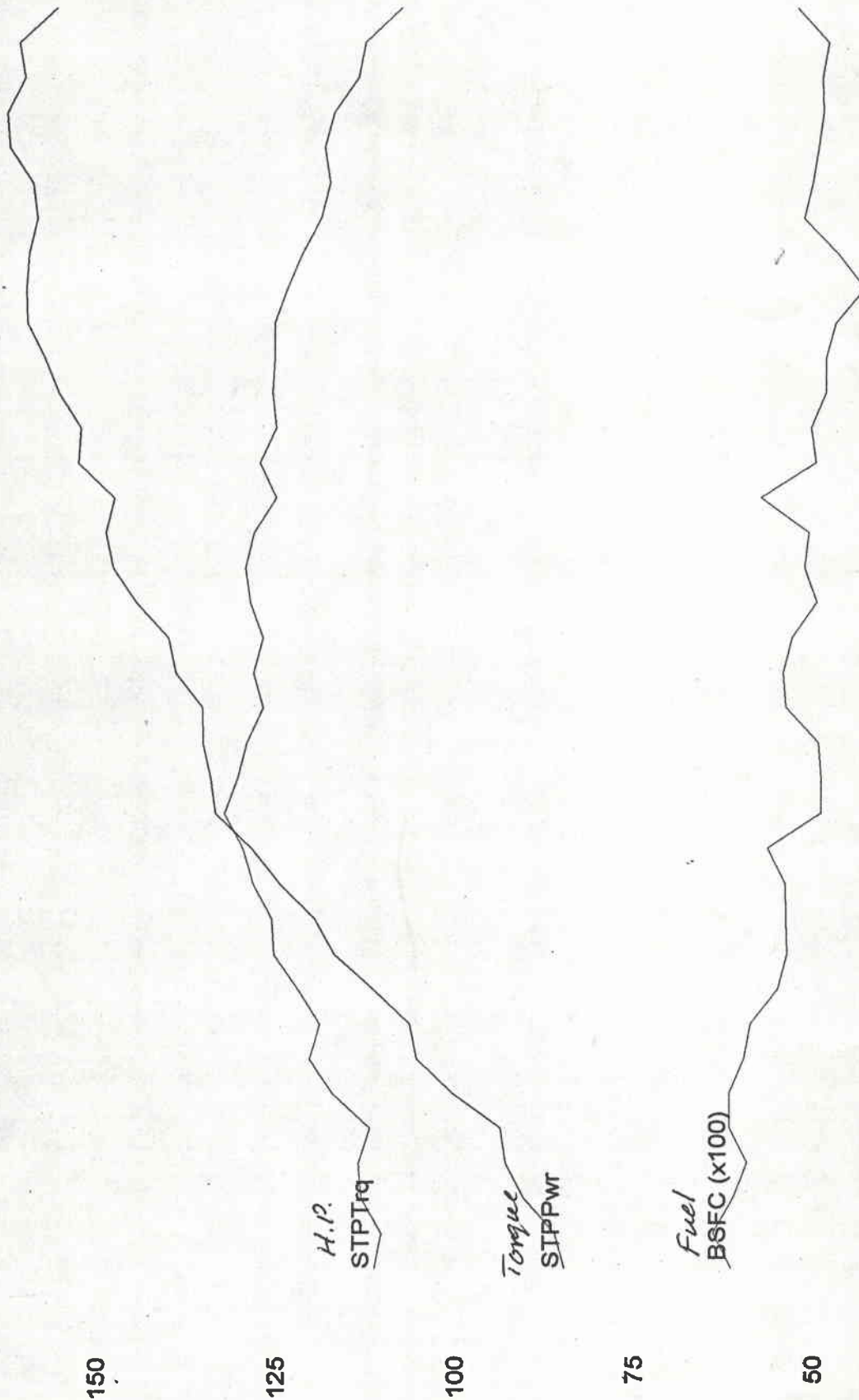
StrTst 68 second

SuperFlow WinDyn Software

Corrected Torque and Power

MILL0018,

MILL0018



Date: 03/24/03

WinDyn™ - SuperFlow Corp. © 2000

Time: 15:56:16

Listing of: MILL0018 (C:\WINDYN\901\DATA\Lotus\1600\Autosci\MILL0303\MILL00
Channel Group: Corrected Torque and Power Page 1 of 2
Printed on Mar 24, 2003 at 15:55:23
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	EngSpd RPM	STPTrq Clb-ft	STPPwr CHp	BSFC lb/hph	BSAC_2 lb/hph	OilPrs psig	OilTmp degF	WtrTmp degF	ManTem degF
	4000	111.2	84.7	0.615	0.00	60.7	185	158	98
**	4100	110.2	86.0	0.640	0.00	60.7	185	158	96
	4200	113.0	90.3	0.612	0.00	60.8	184	158	96
	4300	113.5	92.9	0.593	0.00	60.7	185	158	97
	4400	111.8	93.7	0.616	0.00	60.8	184	158	97
	4500	117.1	100.3	0.617	0.00	60.9	184	158	97
	4600	120.3	105.4	0.597	0.00	61.0	184	158	97
	4700	118.8	106.3	0.588	0.00	61.1	185	158	98
	4800	121.8	111.4	0.550	0.00	61.2	185	158	98
	4900	125.2	116.8	0.537	0.00	61.4	185	158	99
	5000	125.5	119.5	0.538	0.00	61.5	185	158	99
	5100	128.1	124.4	0.539	0.00	61.6	185	158	99
	5200	129.6	128.3	0.564	0.00	61.9	184	158	99
	5300	132.1	133.3	0.489	0.00	62.0	185	158	99
	5400	130.3	134.0	0.489	0.00	62.2	184	161	99
	5500	129.0	135.1	0.493	0.00	62.2	185	160	99
	5600	126.7	135.1	0.539	0.00	62.3	185	159	99
	5700	128.0	139.0	0.542	0.00	62.4	185	159	98
	5800	126.8	140.0	0.530	0.00	62.7	185	159	98
**	5900	128.6	144.4	0.495	0.00	62.8	184	158	98
	6000	129.2	147.6	0.512	0.00	62.9	184	158	97
	6100	128.0	148.7	0.506	0.00	63.2	184	158	97
	6200	124.9	147.5	0.574	0.00	63.3	184	158	97
	6300	127.2	152.6	0.497	0.00	63.4	184	158	97
	6400	124.9	152.2	0.503	0.00	63.6	184	159	97
	6500	125.4	155.2	0.482	0.00	63.6	183	158	97
	6600	125.1	157.2	0.483	0.00	63.8	183	158	95
	6700	125.1	159.6	0.469	0.00	63.9	184	158	96
	6800	123.4	159.8	0.429	0.00	64.1	185	158	96
	6900	121.3	159.4	0.466	0.00	64.2	184	158	97
	7000	118.7	158.2	0.514	0.00	64.3	185	158	98
	7100	117.5	158.8	0.502	0.00	64.4	185	158	98
	7200	118.2	162.1	0.494	0.00	64.6	185	158	98
	7300	116.8	162.4	0.487	0.00	64.8	185	158	99
	7400	113.5	159.9	0.489	0.00	65.0	184	158	98
	7500	112.5	160.7	0.480	0.00	65.1	185	159	97
	7600	107.4	155.4	0.524	0.00	65.2	185	159	98

**Range: 4100 RPM - 5900 RPM

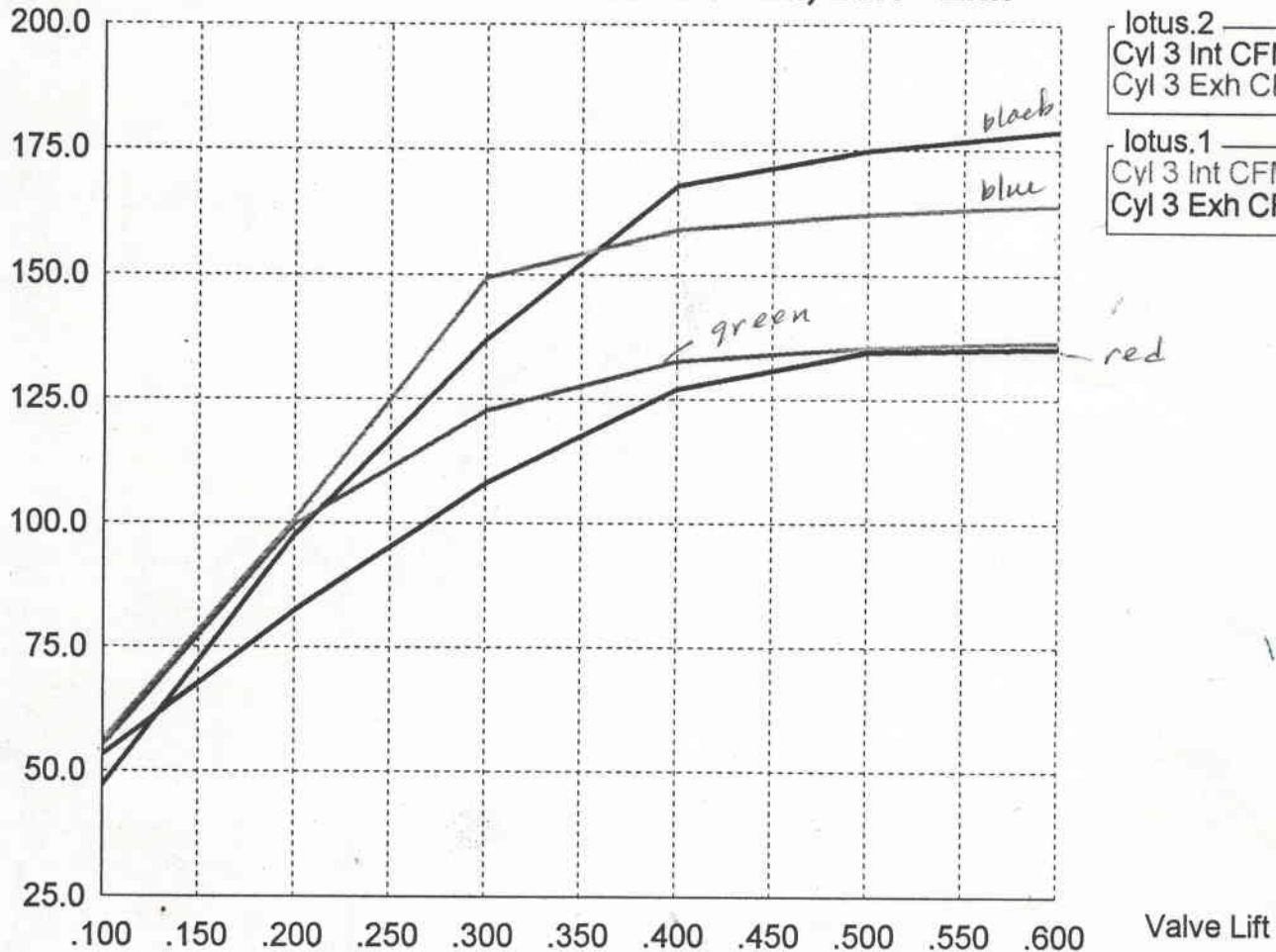
AVG: 5000 123.0 117.7 0.556 0.00 61.6 185 158 98

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	EngSpd RPM	STPTrq Clb-ft	STPPwr CHp	BSFC lb/hph	BSAC_2 lb/hph	OilPrs psig	OilTmp degF	WtrTmp degF	ManTem degF
MIN:	4100	110.2	86.0	0.489	0.00	60.7	184	158	96
MAX:	5900	132.1	144.4	0.640	0.00	62.8	185	161	99

All Int & Exh CFM Corr to: 28.0" Int, 28.0" Exh



Test Summary and Comments for: lotus.2

Graph of:	Test Time	Tested at	Corr to	# Vlvs	Vlv Dia
All 1	3:33 pm	Int: 28"	28.0"	1	1.625"
Cylinders	12/26/2002	Exh: 28"	28.0"	1	1.38"

#2 lotus head w port work w/ tulip ex valve and puttied ex port

Test Summary and Comments for: lotus.1

Graph of:	Test Time	Tested at	Corr to	# Vlvs	Vlv Dia
All 1	5:28 pm	Int: 28"	28.0"	1	1.625"
Cylinders	11/26/2002	Exh: 28"	28.0"	1	1.38"

lotus head w/ port work ,w/ tulip ex valve