

DYNAMOMETER RESULTS

408 ci LS3 with VORTEC SUPERCHARGER

Test Conducted by: TPIS in Chaska, Minnesota

Summary of results:

- 91 octane versus 91 octane + 3.2 oz. Race Gas per gallon
- Race Gas had an average of 14 ft. lb. more torque than racing fuel
- Race Gas had an average of 14.4 hp higher than racing fuel
- Race Gas increased peak hp by 27.3 hp and peak torque by 11.5 hp

Race Gas™

Race Fuel Concentrate

Listing of: (memory data)

Channel Group: Corrected Torque and Power Page 1 of 1

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Test Description: Unused Test

	EngSpd RPM	STPTrq Clb-ft	STPPwr CHp	ManPrs inHg	AirTmp degF	Oil P psig	Air 1 scfm	A/F_L1 Ratio	OilOut degF
**	2700	524.6	269.7	0.0	45	53.1	0	12.1	229
	2800	540.9	288.3	0.0	45	54.0	0	12.0	229
	2900	547.7	302.4	0.0	45	54.7	0	12.0	229
	3000	560.1	319.9	0.0	45	55.5	0	11.9	229
	3100	562.0	331.7	0.0	45	56.0	0	11.9	229
	3200	567.5	345.8	0.0	45	56.6	0	12.0	229
	3300	577.4	362.8	0.0	45	57.2	0	11.9	229
	3400	587.7	380.4	0.0	45	57.8	0	12.0	229
	3500	601.2	400.6	0.0	45	58.3	0	12.0	229
	3600	613.8	420.7	0.0	45	59.1	0	12.1	229
	3700	624.2	439.7	0.0	45	59.4	0	12.1	229
	3800	644.0	466.0	0.0	45	60.1	0	12.2	229
	3900	662.3	491.8	0.0	45	60.9	0	12.3	229
	4000	671.6	511.5	0.0	45	61.1	0	12.3	229
	4100	696.2	543.5	0.0	45	62.3	0	12.5	229
	4200	709.7	567.6	0.0	45	63.3	0	12.4	229
	4300	715.5	585.8	0.0	45	64.0	0	12.2	229
	4400	729.5	611.2	0.0	45	65.0	0	12.1	229
	4500	731.9	627.1	0.0	45	65.2	0	12.1	228
	4600	748.2	655.3	0.0	45	65.8	0	12.1	228
	4700	748.7	670.0	0.0	45	66.1	0	12.2	228
	4800	751.9	687.2	0.0	45	66.7	0	12.4	228
	4900	752.1	701.7	0.0	45	67.1	0	12.5	228
	5000	752.1	716.0	0.0	45	67.9	0	12.5	228
	5100	745.3	723.7	0.0	45	68.4	0	12.5	228
	5200	746.5	739.1	0.0	45	69.4	0	12.4	228
	5300	748.0	754.9	0.0	45	70.1	0	12.2	228
	5400	743.6	764.5	0.0	45	70.6	0	12.2	229
	5500	732.7	767.3	0.0	45	71.0	0	12.2	229
**	5600	718.2	765.8	0.0	45	71.5	0	12.2	229
	5700	715.8	776.9	0.0	45	71.9	0	12.3	229
	5800	671.3	741.3	0.0	44	73.0	0	11.8	229
**Range: 2700 RPM - 5600 RPM									
AVG:	4150	668.5	540.4	0.0	45	62.6	0	12.2	229
MIN:	2700	524.6	269.7	0.0	45	53.1	0	11.9	228
MAX:	5600	752.1	767.3	0.0	45	71.5	0	12.5	229

408 CID

9/1 Oct 1986 at 16036500

3.2

Boost 12 PSI

cranking PSI 145

18° Advance

Listing of: (memory data)

Channel Group: Corrected Torque and Power Page 1 of 1

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Test Description: Unused Test

	EngSpd RPM	STPTrq Clb-ft	STPPwr Chp	ManPrs inHg	AirTmp degF	Oil P psig	Air 1 scfm	A/F_L1 Ratio	OilOu degF
**	2800	532.9	284.1	0.0	56	53.6	0	12.2	239
	2900	544.1	300.4	0.0	56	54.5	0	12.1	239
	3000	558.8	319.2	0.0	56	55.5	0	12.0	239
	3100	570.8	336.9	0.0	56	56.4	0	12.0	239
	3200	577.6	351.9	0.0	56	56.9	0	12.1	240
	3300	584.5	367.3	0.0	56	57.4	0	12.1	240
	3400	597.5	386.8	0.0	56	58.3	0	12.0	240
	3500	608.9	405.8	0.0	56	58.5	0	12.0	241
	3600	619.4	424.6	0.0	56	59.1	0	12.1	241
	3700	636.6	448.4	0.0	56	59.8	0	12.2	240
	3800	646.1	467.4	0.0	56	60.2	0	12.3	240
	3900	665.5	494.2	0.0	56	60.9	0	12.3	240
	4000	685.4	522.0	0.0	56	61.5	0	12.5	239
	4100	697.4	544.4	0.0	56	62.3	0	12.5	239
	4200	710.8	568.4	0.0	56	63.3	0	12.4	238
	4300	719.8	589.3	0.0	56	64.0	0	12.2	237
	4400	731.5	612.9	0.0	56	64.8	0	12.0	236
	4500	740.5	634.5	0.0	56	65.3	0	12.0	236
	4600	745.7	653.2	0.0	56	65.6	0	12.0	236
	4700	749.5	670.7	0.0	56	66.0	0	12.1	236
	4800	755.3	690.3	0.0	56	66.5	0	12.2	235
	4900	761.7	710.6	0.0	56	67.1	0	12.3	235
	5000	763.8	727.1	0.0	56	68.0	0	12.3	236
	5100	754.8	733.0	0.0	56	68.5	0	12.3	235
	5200	758.1	750.6	0.0	56	69.2	0	12.2	235
	5300	758.8	765.8	0.0	56	69.9	0	12.1	235
	5400	756.1	777.4	0.0	56	70.2	0	12.1	234
	5500	755.4	791.1	0.0	56	71.0	0	12.2	236
	5600	745.3	794.6	0.0	56	71.3	0	12.3	237
**	5700	729.1	791.3	0.0	56	71.9	0	12.4	238
	5800	697.8	770.6	0.0	56	72.9	0	12.3	238
	5900	683.9	768.2	0.0	56	72.9	0	12.0	238

**Range: 2800 RPM - 5700 RPM

AVG: 4250 682.1 563.8 0.0 56 63.2 0 12.2 238

MIN: 2800 532.9 284.1 0.0 56 53.6 0 12.0 234

MAX: 5700 763.8 794.6 0.0 56 71.9 0 12.5 241

LS³ 408cc. w/ Vortech Blower