

Port Flow Analyzer v3.0
 Test: Tim (Hemi)
 Folder: Big Block Chrysler

FASTLANE MACHINE INC.
 (801) 226-5511
 Performance Trends (C) 1999

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Head #: 143
 Customer:
 Operator: Gold

Bore Adapter Diameter: 4.25 "
 Int Port Adapter: Radiused Inlet
 Exh Port Adapter: Short 'stub stack'

Test Comments:

Test #1 Cylinder #2

Test #2 Cylinder #4

Report of:	Test Time	Tested at	Corr to	# Vlvs	Vlv Dia	Stem Dia	Port Area
All 2	6:00 pm	Int: 28"	28.0"	1	2.25"	.31"	3.65 sq in
Cylinders	02/27/2011	Exh: 28"	28.0"	1	1.9"	.31"	2.46 sq in

Port	Lift	L/D	Full CFM	Test Pres	Flow Pres	Test Temp	Leak CFM	Corr CFM	Baro	Humdty
Int #1	.000	.000	428	27.82	1.50	62	.0	6.4	23.76	.0
Int #1	.100	.044	428	27.96	19.20	62	.0	82.2	23.69	.0
Int #1	.200	.089	428	27.93	36.70	64	.0	157.3	23.78	.0
Int #1	.300	.133	428	27.92	56.40	66	.0	241.7	23.79	.0
Int #1	.400	.178	428	27.90	72.40	69	.0	310.4	23.75	.0
Int #1	.500	.222	428	27.88	80.40	71	.0	344.9	23.81	.0
Int #1	.600	.267	428	27.90	85.30	74	.0	365.7	23.68	.0
Int #1	.700	.311	428	27.90	87.00	77	.0	373.0	23.67	.0
Int #1	.800	.356	428	27.90	85.80	80	.0	367.9	23.76	.0
Exh #1	.000	.000	291	27.85	3.60	77	.0	10.5	23.72	.0
Exh #1	.100	.053	291	27.94	21.40	79	.0	62.3	23.72	.0
Exh #1	.200	.105	291	27.94	47.90	81	.0	139.4	23.75	.0
Exh #1	.300	.158	291	27.88	67.60	84	.0	197.0	23.66	.0
Exh #1	.400	.211	291	27.87	80.80	87	.0	235.5	23.67	.0
Exh #1	.500	.263	291	27.74	86.90	89	.0	253.9	23.67	.0
Exh #1	.600	.316	291	27.70	90.30	91	.0	264.0	23.64	.0
Exh #1	.700	.368	291	27.70	91.40	93	.0	267.2	23.77	.0
Exh #1	.800	.421	291	27.71	92.40	95	.0	270.1	23.67	.0
Int #2	.000	.000	428	27.86	1.60	92	.0	6.9	23.71	.0
Int #2	.100	.044	428	27.96	17.10	94	.0	73.2	23.81	.0
Int #2	.200	.089	428	27.92	33.40	95	.0	143.2	23.77	.0
Int #2	.300	.133	428	27.88	52.60	98	.0	225.6	23.75	.0
Int #2	.400	.178	428	27.89	69.80	101	.0	299.3	23.84	.0
Int #2	.500	.222	428	27.85	79.90	103	.0	342.9	23.81	.0
Int #2	.600	.267	428	27.86	85.30	105	.0	366.0	23.91	.0
Int #2	.700	.311	428	27.88	88.70	107	.0	380.5	23.81	.0
Int #2	.800	.356	428	27.89	89.10	109	.0	382.1	23.69	.0
Exh #2	.000	.000	291	27.92	3.70	83	.0	10.8	23.76	.0
Exh #2	.100	.053	291	27.96	22.90	85	.0	66.6	23.73	.0
Exh #2	.200	.105	291	27.88	49.10	87	.0	143.1	23.86	.0
Exh #2	.300	.158	291	27.89	71.50	91	.0	208.3	23.84	.0
Exh #2	.400	.211	291	27.82	82.00	93	.0	239.2	23.74	.0
Exh #2	.500	.263	291	27.71	89.40	95	.0	261.3	23.74	.0
Exh #2	.600	.316	291	27.65	93.30	97	.0	273.0	23.73	.0
Exh #2	.700	.368	291	27.78	92.40	99	.0	269.8	23.73	.0
Exh #2	.800	.421	291	27.69	94.90	101	.0	277.5	23.82	.0