

Test Comments:

Report of: Cyl 1, Cam Data Test Time: 9:28 am 01/11/2019 Events Rated at .05" Tappet Lift

	CLine	Dur	Open	Close	Lb Area	Lb Lift	Vlv Lift	RAR	Lash	LbSep/Adv	Overlap
Int:	108.0	196.7	-8.2	24.9	17.49	.236	.354	1.5	.008	109.2	-21.8
Exh:	110.4	193.5	27.1	-13.6	17.39	.235	.353	1.5	.010	1.2 Advance	

Cam Lift	Int Open BTDC	Int Close ABDC	Int Dur	Exh Open BBDC	Exh Close ATDC	Exh Dur
Cyl 1						
.003	64.7	105.2	349.9	102.5	67.4	349.8
.004	60.7	99.8	340.5	97.9	62.2	340.1
.006	51.9	90.7	322.6	88.8	52.0	320.8
.015	15.4	51.8	247.2	52.1	13.8	245.9
.020	7.8	43.9	231.7	45.7	4.8	230.5
.040	-3.7	29.7	206.0	31.8	-8.9	202.9
.050	-8.2	24.9	196.7	27.1	-13.6	193.5
.100	-28.3	6.8	158.5	9.3	-31.6	157.7
.150	-46.3	-10.7	123.1	-8.1	-49.1	122.8
.200	-68.9	-32.9	78.2	-30.7	-71.5	77.8

Test Setup

General Specs		Int/Exh Specs		
Type	Measured with Electronics		Intake	Exhaust
Deg Steps:	User Entered	Rocker Arm Ratio	1.5	1.5
Lifter (profile) Type:	Solid	Actual Valve Lash, in	.008	.010
For Cyl #:	#1	Centerline, deg ATDC (meas.)	107.99	110.43
Degree Wheel		Duration @ .050" (meas.)	196.73	193.51
Type:	0 - 90 - 180 - 270 - 0	Opening @ .050" (meas.)	-8.20	27.14
		Closing @ .050" (meas.)	24.93	-13.63
		Max Lobe Lift, in (meas.)	.2359	.2351
		Gross Valve Lift, in (meas.)	.3539	.3527
		Designed Vlv Lash, in (meas.)	na	na
		Total Cam Advance (meas.)		1.2 Advance

Electronics Details

Standard Options		Advanced Options	
Timing Method	Intake Centerline	Plus Version Onlyna	Intake Centerline
Cam Timing Value	108	Plus Version Onlyna	108
Cam Timing Value		Plus Version Onlyna	
Cam Design	Custom	Plus Version Onlyna	Custom
Lift for Rating Events	1		

Lifter Bore Angles

Lifter Bore Angles		Lifter Bore Angles, cont	
Number of LBAs Needed	0	Cylinders Using LBA #2	na
Lifter Bore Angle #1	na	Int or Exh LBA 2	na
Cylinders Using LBA 1	na	Lifter Bore Angle #3	na
Int or Exh LBA 1	na	Cylinders Using LBA #3	na
Lifter Bore Angle #2	na	Int or Exh LBA 3	na

Cam Design Layout Specs

Cam Design Layout Specs		Lobe Description	
Number Cyls on Cam	8	J-G-I1-E5-E1-I5-J-I2-E6-E2-I6-J-I3-E7-E3-I7-J-I4-E8-E4-I8-J	
Type of Lobes	Intake and Exhaust	Rotation (viewed from front)	CW
Intake Lobes per Cylinder	1	Encoder Mounted On	Rear
Exhaust Lobes per Cylinder	1	Dowel Pin/Keyway Timing from TDC	
Firing Order	1-5-4-2-6-3-7-8	Cam Degrees from TDC	41.5
Offset ('odd') Firing	No	Direction from TDC	CW
Cyls. Offset from #1			
Offset Crank Degress			

Lifter/Follower Details

Intake Advanced Specs		Intake Virtual Follower Specs, cont	
Cam Lobe Base Circle Dia, in	1.1	Valve End Pivot Angle	
Follower Type:	Standard Flat	Valve End Pivot Distance	
Follower Body Diameter, in	.875	Valve End Pivot Radius	
Follower Roller Diameter, in	.75	Cam Location Angle	
Standard Crown Radius, in	60	Cam Location Distance	
Intake Virtual Follower Specs		Valve Stem Distance	
Cam End Pivot Angle		Valve Stem Diameter	
Cam End Pivot Distance		Cam Rotation Direction	CW
Cam End Pivot Radius		Probe Radius, in	

Exhaust Exactly Matches Intake