

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	189.3	-14.1	23.4	16.49	.223	.335	1.5	.008	107.3	-26.8
Exh:	106.5	187.9	20.6	-12.7	16.32	.222	.333	1.5	.010	.7 Retard	

Cam Lift	Int Open BTDC	Int Close ABDC	Int Dur	Exh Open BBDC	Exh Close ATDC	Exh Dur
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Cyl 1						
.003	60.8	107.7	348.5	96.3	70.2	346.5
.004	57.5	103.7	341.2	94.0	65.9	339.9
.006	49.1	96.7	325.8	84.5	57.3	321.8
.015	9.0	49.5	238.5	44.4	11.4	235.8
.020	3.1	41.2	224.4	37.4	5.4	222.8
.040	-9.7	28.0	198.2	24.9	-8.0	196.9
.050	-14.1	23.4	189.3	20.6	-12.7	187.9
.100	-31.5	5.1	153.6	2.6	-30.2	152.4
.150	-49.3	-13.5	117.2	-15.4	-48.8	115.8
.200	-74.3	-38.1	67.6	-40.9	-73.6	65.5

Test Setup

General Specs

Type	Measured with Electronics
Deg Steps:	User Entered
Lifter (profile) Type:	Solid
For Cyl #:	#1
Degree Wheel Type:	0 - 90 - 180 - 270 - 0

Int/Exh Specs

	Intake	Exhaust
Rocker Arm Ratio	1.5	1.5
Actual Valve Lash, in	.008	.010
Centerline, deg ATDC (meas.)	108.00	106.51
Duration @ .050" (meas.)	189.30	187.85
Opening @ .050" (meas.)	-14.08	20.56
Closing @ .050" (meas.)	23.37	-12.71
Max Lobe Lift, in (meas.)	.2233	.2219
Gross Valve Lift, in (meas.)	.3350	.3329
Designed Vlv Lash, in (meas.)	na	na
Total Cam Advance (meas.)		.7 Retard

Electronics Details

Standard Options

Timing Method	Intake Centerline
Cam Timing Value	108
Cam Timing Value	
Cam Design	Custom
Lift for Rating Events	1

Advanced Options

Plus Version Onlyna	Intake Centerline
Plus Version Onlyna	108
Plus Version Onlyna	
Plus Version Onlyna	Custom

Lifter Bore Angles

Lifter Bore Angles

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

Lifter Bore Angles, cont

Cylinders Using LBA #2	na
Int or Exh LBA 2	na
Lifter Bore Angle #3	na
Cylinders Using LBA #3	na
Int or Exh LBA 3	na

Cam Design Layout Specs

Cam Design Layout Specs

Number Cyls on Cam 8
 Type of Lobes Intake and Exhaust
 Intake Lobes per Cylinder 1
 Exhaust Lobes per Cylinder 1
 Firing Order 1-8-4-3-6-5-7-2
 Offset ('odd') Firing No
 Cyls. Offset from #1 0
 Offset Crank Degress 1

Lobe Description

J-F-E1-E2-11-12-J-13-14-E3-E4-J-E5-E6-15-16-J-17-18-E7-E8-G-J
 Rotation (viewed from front) CW
 Encoder Mounted On Rear
 Dowel Pin/Keyway Timing from TDC
 Cam Degrees from TDC 53
 Direction from TDC CW

Lifter/Follower Details

Intake Advanced Specs

Cam Lobe Base Circle Dia, in 1.1
 Follower Type: Standard Flat
 Follower Body Diameter, in .842
 Follower Roller Diameter, in .75
 Standard Crown Radius, in 60

Intake Virtual Follower Specs

Cam End Pivot Angle
 Cam End Pivot Distance
 Cam End Pivot Radius

Intake Virtual Follower Specs, cont

Valve End Pivot Angle
 Valve End Pivot Distance
 Valve End Pivot Radius
 Cam Location Angle
 Cam Location Distance
 Valve Stem Distance
 Valve Stem Diameter
 Cam Rotation Direction CW
 Probe Radius, in

Exhaust Exactly Matches Intake