



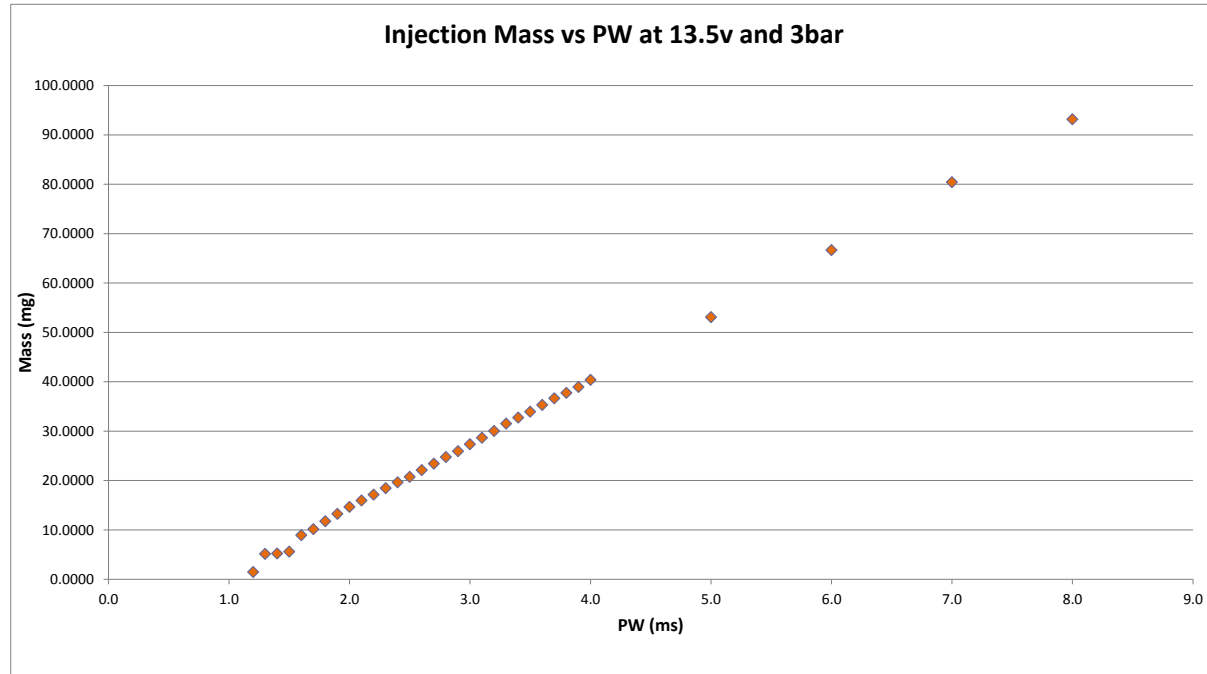
Fuel Injector Characterization Summary

DW PN: O2J-XX-950-XX

Pulsed Flow Data (3bar, 13.5v)				Linearity			
Pulse Width (ms)	Volumetric (cc/shot)	Gravimetric (mg/shot)	% Mass Deviation				
1.0	<i>Below Limits of Detection</i>			NON LINEAR RANGE			
1.1							
1.2					0.0020	1.467	-59.54%
1.3					0.0069	5.149	4.19%
1.4					0.0070	5.211	-16.74%
1.5	0.0075	5.586	-26.27%				
1.6	0.0119	8.924	0.37%	LINEAR RANGE			
1.7	0.0135	10.141	-0.66%				
1.8	0.0157	11.764	2.07%				
1.9	0.0177	13.262	3.27%				
2.0	0.0196	14.666	3.58%				
2.1	0.0213	15.977	3.24%				
2.2	0.0229	17.131	2.02%				
2.3	0.0246	18.442	1.84%				
2.4	0.0262	19.627	1.04%				
2.5	0.0277	20.751	0.04%				
2.6	0.0295	22.124	0.29%				
2.7	0.0313	23.434	0.25%				
2.8	0.0331	24.776	0.34%				
2.9	0.0346	25.931	-0.30%				
3.0	0.0365	27.366	0.15%				
3.1	0.0383	28.677	0.12%				
3.2	0.0401	30.018	0.20%				
3.3	0.0421	31.516	0.77%				
3.4	0.0437	32.733	0.43%				
3.5	0.0453	33.950	0.12%				
3.6	0.0472	35.323	0.28%				
3.7	0.0489	36.634	0.25%				
3.8	0.0504	37.757	-0.27%				
3.9	0.0520	38.943	-0.60%				
4.0	0.0539	40.378	-0.28%				
5.0	0.0709	53.109	-1.03%				
6.0	0.0890	66.652	-0.26%				
7.0	0.1074	80.413	0.52%				
8.0	0.1244	93.176	0.02%				
SLOPE (cc/min)		1065					

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	847	80.7	10.57
3	300	43.5	1066	101.5	13.30
4	400	58.0	1247	118.7	15.56
5	500	72.5	1392	132.6	17.38

Battery Offset (msec)					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	1.907	1.398	1.027	0.792	0.695
3bar	2.195	1.667	1.261	0.979	0.820
4bar	2.484	1.859	1.368	1.009	0.825
5bar	2.959	2.121	1.487	1.057	0.830



NOTES

All mass values (gravimetric) are calculated for pump gas using SG of 0.749
 Application specific calibration summaries are also available (visit website or inquire with tech support)
 Data on calibration summaries may vary slightly from data on this sheet due to in-car optimization
 Rev 8/28/18