



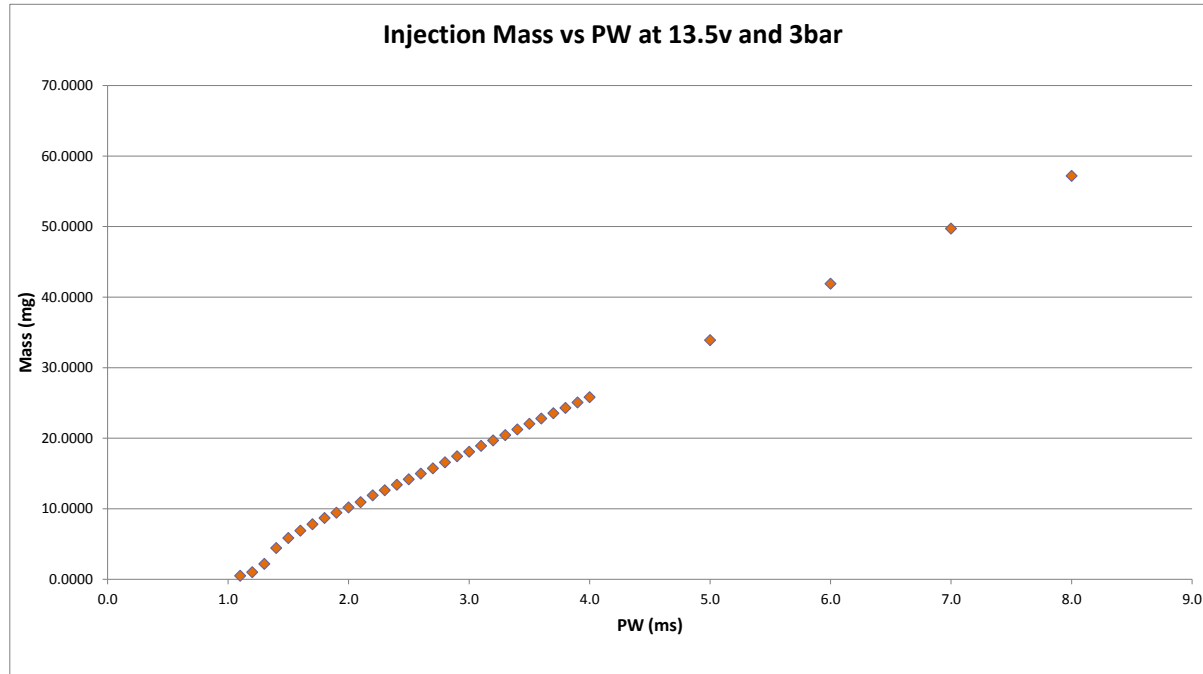
## Fuel Injector Characterization Summary

DW PN: 17U-XX-0060-X

Pulsed Flow Data (3bar, 13.5v)				Linearity
Pulse Width (ms)	Volumetric (cc/shot)	Gravimetric (mg/shot)	% Mass Deviation	
1.0	Below limits of detection			NON LINEAR RANGE
1.1	0.0007	0.499	-83.97%	
1.2	0.0013	0.999	-74.41%	
1.3	0.0029	2.184	-53.41%	
1.4	0.0059	4.431	-19.08%	
1.5	0.0078	5.835	-6.83%	
1.6	0.0092	6.896	-2.18%	LINEAR RANGE
1.7	0.0104	7.801	-0.46%	
1.8	0.0116	8.675	0.59%	
1.9	0.0126	9.424	0.13%	
2.0	0.0136	10.173	-0.25%	
2.1	0.0146	10.921	-0.58%	
2.2	0.0159	11.889	0.99%	
2.3	0.0168	12.606	0.37%	
2.4	0.0179	13.387	0.30%	
2.5	0.0189	14.167	0.23%	
2.6	0.0200	14.978	0.38%	
2.7	0.0210	15.727	0.12%	
2.8	0.0221	16.569	0.45%	
2.9	0.0233	17.443	0.93%	
3.0	0.0241	18.067	-0.01%	
3.1	0.0253	18.910	0.28%	
3.2	0.0263	19.690	0.23%	
3.3	0.0273	20.439	0.04%	
3.4	0.0284	21.250	0.15%	
3.5	0.0294	22.030	0.11%	
3.6	0.0304	22.779	-0.06%	
3.7	0.0314	23.528	-0.22%	
3.8	0.0324	24.277	-0.37%	
3.9	0.0335	25.057	-0.38%	
4.0	0.0345	25.806	-0.52%	
5.0	0.0453	33.888	0.22%	
6.0	0.0560	41.907	0.54%	
7.0	0.0664	49.708	0.31%	
8.0	0.0764	57.197	-0.40%	
SLOPE (cc/min)		630		

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	541	51.5	6.75
3	300	43.5	649	61.8	8.10
4	400	58.0	749	71.4	9.35
5	500	72.5	834	79.4	10.40

Battery Offset					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	1.889	1.274	0.794	0.448	0.236
3bar	2.053	1.392	0.884	0.529	0.326
4bar	2.339	1.595	1.039	0.670	0.447
5bar	2.630	1.823	1.211	0.793	0.569



### 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

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