



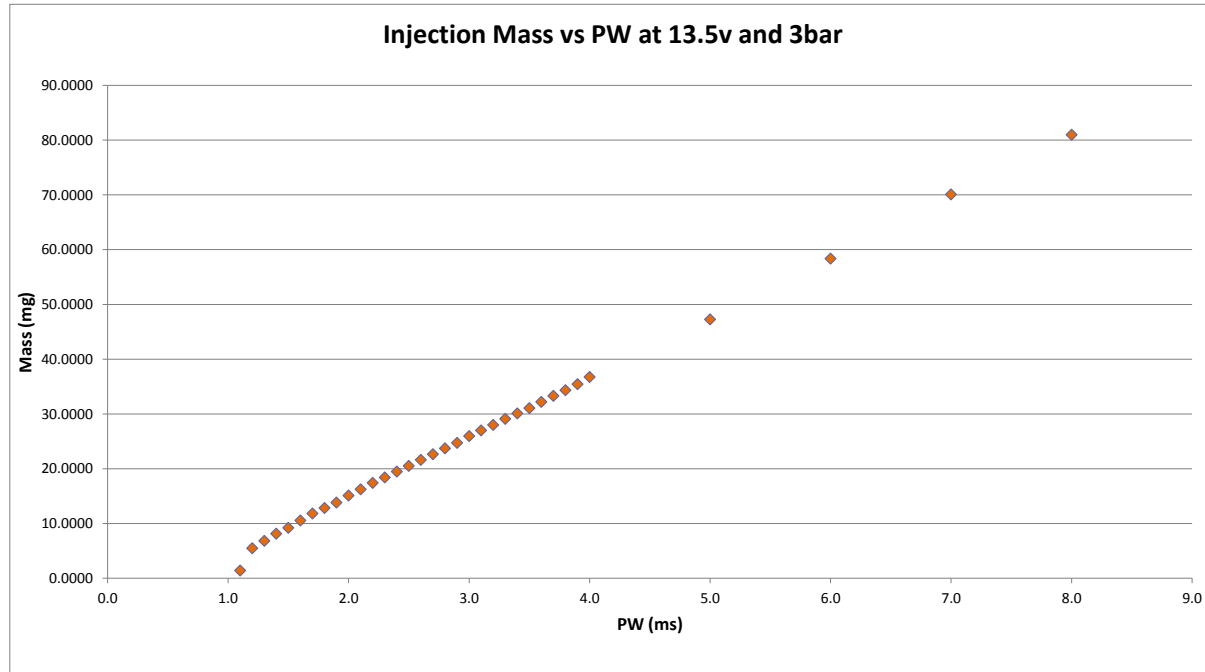
## Fuel Injector Characterization Summary

DW PN: 17MX-XX-0850-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 -
1.1	0.0019	1.404	-70.19%	LINEAR
1.2	0.0073	5.461	-6.07%	RANGE
1.3	0.0091	6.803	-1.64%	LINEAR RANGE
1.4	0.0108	8.113	1.18%	
1.5	0.0123	9.205	0.92%	
1.6	0.0141	10.547	3.16%	
1.7	0.0158	11.826	4.42%	
1.8	0.0171	12.825	3.19%	
1.9	0.0185	13.823	2.16%	
2.0	0.0202	15.103	3.21%	
2.1	0.0217	16.226	3.11%	
2.2	0.0233	17.412	3.40%	
2.3	0.0246	18.410	2.62%	
2.4	0.0260	19.471	2.25%	
2.5	0.0274	20.501	1.76%	
2.6	0.0288	21.593	1.62%	
2.7	0.0303	22.654	1.36%	
2.8	0.0317	23.715	1.11%	
2.9	0.0330	24.714	0.64%	
3.0	0.0347	25.962	1.18%	
3.1	0.0360	26.992	0.86%	
3.2	0.0374	27.990	0.45%	
3.3	0.0388	29.082	0.40%	
3.4	0.0402	30.081	0.04%	
3.5	0.0415	31.048	-0.39%	
3.6	0.0430	32.203	-0.22%	
3.7	0.0445	33.295	-0.24%	
3.8	0.0458	34.325	-0.45%	
3.9	0.0473	35.448	-0.37%	
4.0	0.0491	36.759	0.20%	
5.0	0.0631	47.274	-0.91%	
6.0	0.0779	58.352	-0.65%	
7.0	0.0936	70.085	0.47%	
8.0	0.1081	80.975	0.24%	
SLOPE (cc/min)		891		

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	754	71.8	9.40
3	300	43.5	921	87.7	11.50
4	400	58.0	1073	102.2	13.39
5	500	72.5	1215	115.7	15.17

Battery Offset					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	1.583	1.138	0.791	0.543	0.393
3bar	1.792	1.296	0.909	0.629	0.458
4bar	2.154	1.555	1.098	0.783	0.611
5bar	Not Tested				



**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 4/18/2018