



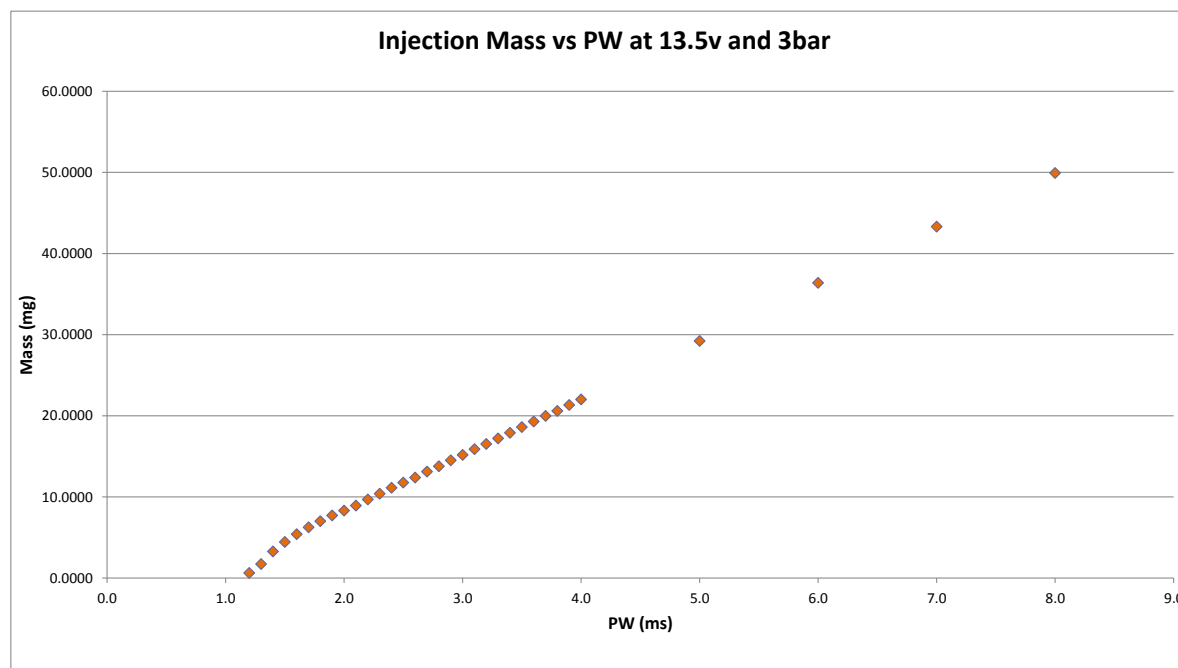
## Fuel Injector Characterization Summary

DW PN: 16U-XX-0050-X, 16U-XX-0550-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	Below limits of detection			
1.2	0.0008	0.624	-74.73%	
1.3	0.0023	1.716	-45.88%	
1.4	0.0044	3.276	-15.40%	
1.5	0.0059	4.431	-3.13%	
1.6	0.0072	5.398	2.33%	
1.7	0.0083	6.241	4.41%	
1.8	0.0093	6.990	4.66%	LINEAR RANGE
1.9	0.0103	7.707	4.44%	
2.0	0.0111	8.300	2.71%	
2.1	0.0119	8.924	1.61%	
2.2	0.0129	9.673	1.99%	
2.3	0.0139	10.391	2.02%	
2.4	0.0148	11.109	2.04%	
2.5	0.0157	11.764	1.51%	
2.6	0.0165	12.388	0.80%	
2.7	0.0175	13.106	0.88%	
2.8	0.0184	13.761	0.50%	
2.9	0.0194	14.510	0.80%	
3.0	0.0203	15.165	0.46%	
3.1	0.0212	15.883	0.54%	
3.2	0.0220	16.507	0.05%	
3.3	0.0230	17.193	-0.04%	
3.4	0.0239	17.880	-0.12%	
3.5	0.0248	18.598	-0.03%	
3.6	0.0258	19.284	-0.10%	
3.7	0.0267	19.971	-0.18%	
3.8	0.0275	20.595	-0.54%	
3.9	0.0285	21.312	-0.45%	
4.0	0.0294	21.999	-0.50%	
5.0	0.0390	29.207	0.28%	
6.0	0.0486	36.384	0.68%	
7.0	0.0578	43.311	0.37%	
8.0	0.0667	49.927	-0.48%	
SLOPE (cc/min)		561		

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	473	45.1	5.91
3	300	43.5	571	54.4	7.13
4	400	58.0	667	63.5	8.33
5	500	72.5	754	71.8	9.41

Battery Offset					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	1.963	1.389	0.932	0.591	0.368
3bar	1.877	1.404	1.003	0.674	0.417
4bar	2.307	1.671	1.161	0.779	0.524
5bar	2.579	1.820	1.257	0.890	0.719



### 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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