



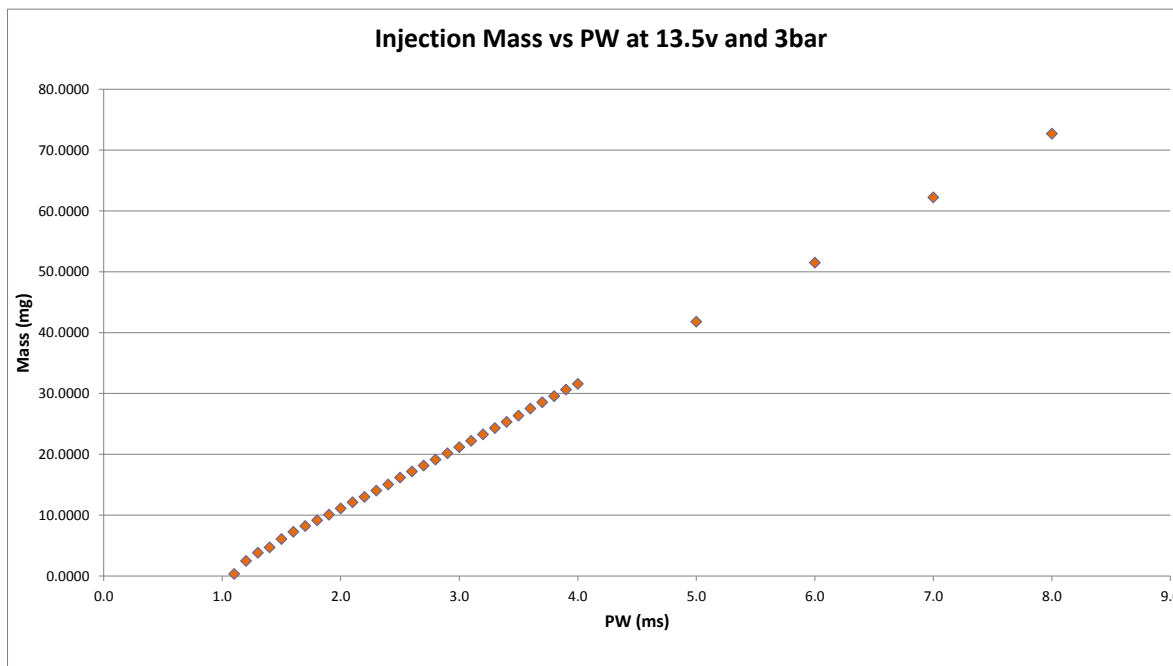
Fuel Injector Characterization Summary

DW PN: 22TX-XX-0750-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	0.0005	0.343	-80.97%	
1.2	0.0033	2.465	-12.81%	
1.3	0.0051	3.807	-1.16%	
1.4	0.0063	4.712	-3.36%	
1.5	0.0081	6.085	3.14%	
1.6	0.0097	7.271	5.01%	
1.7	0.0110	8.207	3.26%	LINEAR RANGE
1.8	0.0122	9.143	1.90%	
1.9	0.0135	10.079	0.83%	
2.0	0.0148	11.109	0.80%	
2.1	0.0162	12.107	0.52%	
2.2	0.0173	12.981	-0.67%	
2.3	0.0188	14.042	-0.36%	
2.4	0.0201	15.040	-0.50%	
2.5	0.0216	16.164	0.14%	
2.6	0.0229	17.162	-0.01%	
2.7	0.0243	18.161	-0.15%	
2.8	0.0255	19.128	-0.44%	
2.9	0.0269	20.158	-0.39%	
3.0	0.0283	21.156	-0.49%	
3.1	0.0297	22.217	-0.30%	
3.2	0.0311	23.278	-0.13%	
3.3	0.0325	24.308	-0.10%	
3.4	0.0338	25.307	-0.20%	
3.5	0.0352	26.368	-0.05%	
3.6	0.0368	27.522	0.43%	
3.7	0.0381	28.552	0.43%	
3.8	0.0395	29.550	0.33%	
3.9	0.0409	30.611	0.44%	
4.0	0.0422	31.579	0.24%	
5.0	0.0558	41.782	0.09%	
6.0	0.0688	51.487	-0.96%	
7.0	0.0831	62.221	-0.01%	
8.0	0.0970	72.675	0.29%	
SLOPE (cc/min)		812		

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	655	62.4	8.17
3	300	43.5	793	75.5	9.89
4	400	58.0	933	88.9	11.65
5	500	72.5	1025	97.6	12.79

Battery Offset					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	2.001	1.424	0.992	0.705	0.556
3bar	2.152	1.536	1.072	0.761	0.601
4bar	2.440	1.711	1.171	0.820	0.658
5bar	2.857	1.996	1.343	0.898	0.674



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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