



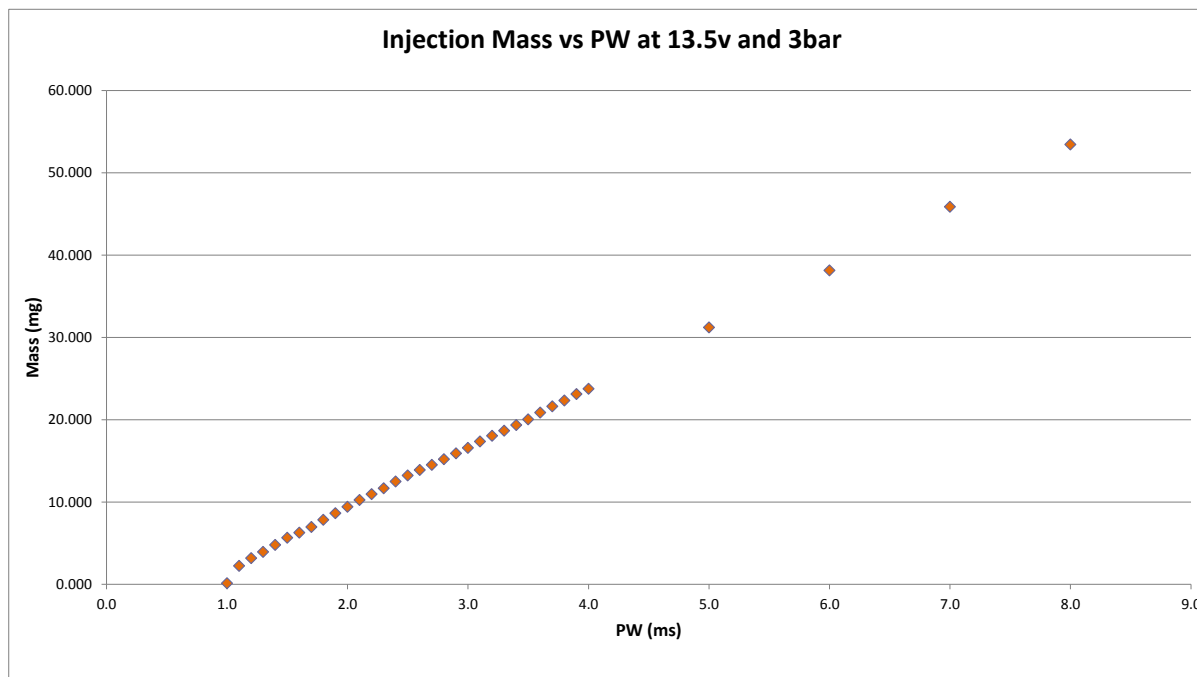
Fuel Injector Characterization Summary

DW PN: 21TTX-XX-0650-XX

Pulsed Flow Data (3bar, 13.5v)				
Pulse Width (ms)	Volumetric (cc/shot)	Gravimetric (mg/shot)	% Mass Deviation	Linearity
1.0	0.0002	0.125	-92.95%	NON LINEAR RANGE
1.1	0.0030	2.247	-10.33%	
1.2	0.0043	3.183	-1.78%	
1.3	0.0053	3.932	-1.10%	
1.4	0.0064	4.774	1.35%	
1.5	0.0075	5.648	3.72%	LINEAR RANGE
1.6	0.0084	6.272	1.48%	
1.7	0.0093	6.959	0.62%	
1.8	0.0105	7.832	2.38%	
1.9	0.0115	8.644	3.08%	
2.0	0.0126	9.424	3.33%	
2.1	0.0137	10.235	3.85%	
2.2	0.0146	10.953	3.42%	
2.3	0.0156	11.670	3.05%	
2.4	0.0167	12.482	3.50%	
2.5	0.0177	13.231	3.40%	
2.6	0.0185	13.886	2.63%	
2.7	0.0194	14.510	1.72%	
2.8	0.0203	15.196	1.31%	
2.9	0.0213	15.914	1.14%	
3.0	0.0221	16.569	0.60%	
3.1	0.0232	17.350	0.84%	
3.2	0.0241	18.036	0.54%	
3.3	0.0249	18.660	-0.08%	
3.4	0.0258	19.347	-0.32%	
3.5	0.0268	20.033	-0.55%	
3.6	0.0279	20.876	-0.02%	
3.7	0.0289	21.624	0.05%	
3.8	0.0298	22.342	-0.03%	
3.9	0.0309	23.122	0.16%	
4.0	0.0317	23.746	-0.31%	
5.0	0.0417	31.204	0.11%	
6.0	0.0509	38.131	-1.00%	
7.0	0.0613	45.870	0.00%	
8.0	0.0714	53.453	0.44%	
SLOPE (cc/min)		594		

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	498	47.4	6.21
3	300	43.5	620	59.0	7.74
4	400	58.0	718	68.4	8.96
5	500	72.5	790	75.2	9.85

Battery Offset					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	1.506	1.238	1.013	0.813	0.668
3bar	1.628	1.302	1.036	0.831	0.685
4bar	1.743	1.355	1.045	0.838	0.694
5bar	2.030	1.526	1.131	0.846	0.704



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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