



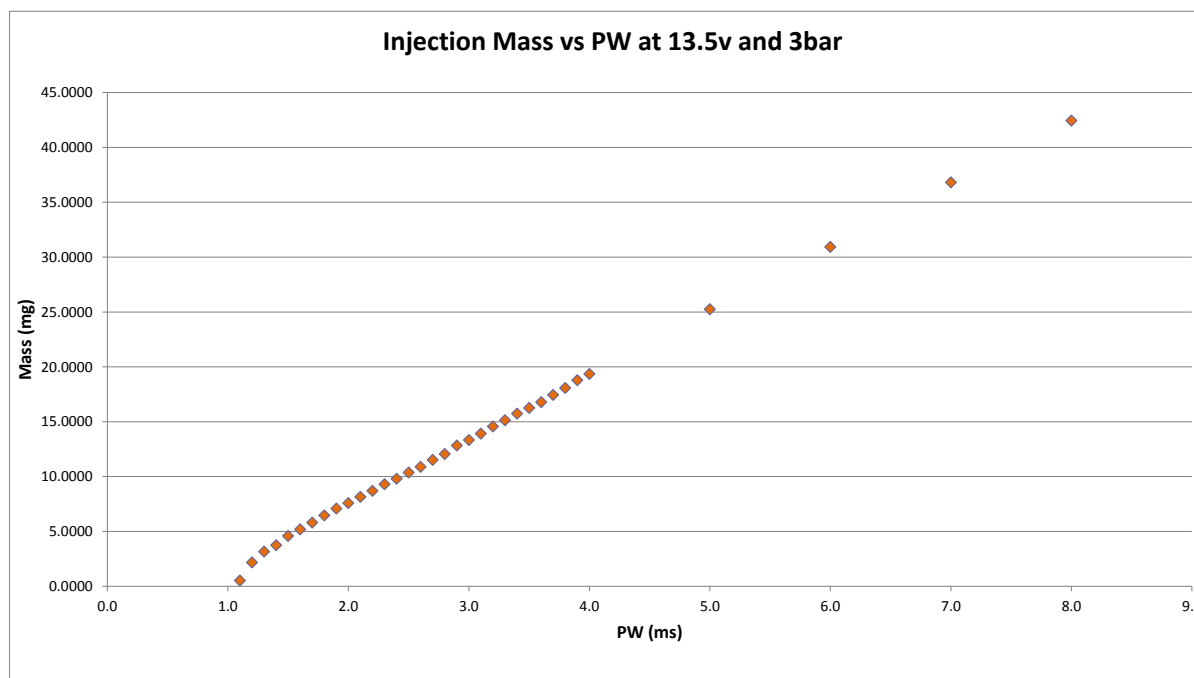
Fuel Injector Characterization Summary

DW PN: 22TX-XX-0440-XX

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	0.530	-76.95%	
1.2	0.0029	2.184	-24.30%	
1.3	0.0042	3.152	-9.16%	
1.4	0.0050	3.745	-7.62%	
1.5	0.0061	4.587	-1.08%	
1.6	0.0069	5.180	-0.79%	
1.7	0.0078	5.804	-0.02%	
1.8	0.0086	6.459	1.10%	
1.9	0.0095	7.083	1.59%	
2.0	0.0101	7.583	0.35%	LINEAR RANGE
2.1	0.0109	8.144	0.05%	
2.2	0.0116	8.706	-0.21%	
2.3	0.0124	9.299	-0.10%	
2.4	0.0131	9.798	-0.95%	
2.5	0.0138	10.360	-1.11%	
2.6	0.0145	10.890	-1.53%	
2.7	0.0154	11.514	-1.11%	
2.8	0.0161	12.045	-1.49%	
2.9	0.0171	12.825	0.10%	
3.0	0.0178	13.324	-0.53%	
3.1	0.0186	13.917	-0.44%	
3.2	0.0195	14.572	0.06%	
3.3	0.0202	15.134	-0.09%	
3.4	0.0210	15.727	-0.03%	
3.5	0.0217	16.257	-0.35%	
3.6	0.0224	16.788	-0.66%	
3.7	0.0233	17.443	-0.23%	
3.8	0.0241	18.067	0.00%	
3.9	0.0251	18.785	0.72%	
4.0	0.0258	19.347	0.58%	
5.0	0.0337	25.244	0.68%	
6.0	0.0413	30.923	0.04%	
7.0	0.0492	36.821	0.19%	
8.0	0.0567	42.438	-0.36%	
SLOPE (cc/min)		463		

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	384	36.5	4.79
3	300	43.5	471	44.9	5.88
4	400	58.0	555	52.9	6.93
5	500	72.5	615	58.6	7.68

Battery Offset					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	1.572	1.154	0.803	0.519	0.302
3bar	1.780	1.261	0.851	0.548	0.354
4bar	2.007	1.439	0.983	0.638	0.405
5bar	2.334	1.688	1.164	0.760	0.478



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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