



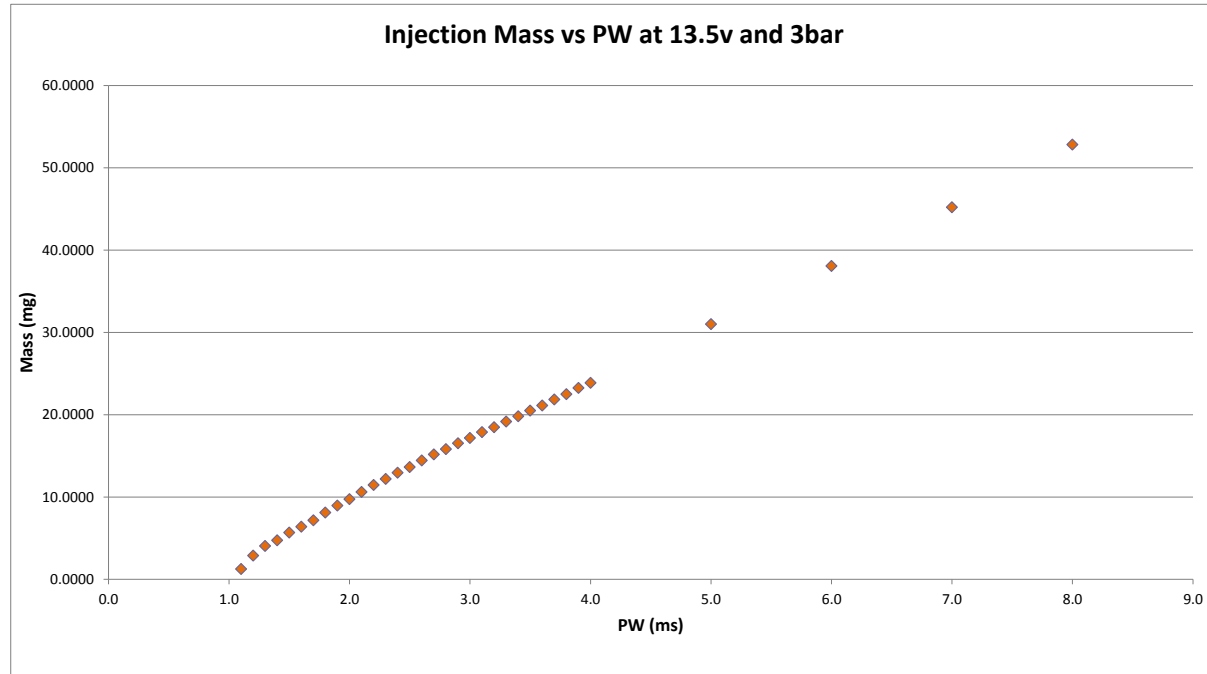
Fuel Injector Characterization Summary

DW PN: 35U-XX-0060-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	0.0017	1.248	-63.78%	
1.2	0.0038	2.871	-30.94%	
1.3	0.0054	4.057	-16.66%	
1.4	0.0063	4.743	-14.96%	
1.5	0.0076	5.679	-9.68%	
1.6	0.0085	6.397	-8.60%	
1.7	0.0096	7.177	-6.90%	
1.8	0.0108	8.113	-3.64%	
1.9	0.0120	8.956	-1.91%	
2.0	0.0130	9.736	-1.06%	
2.1	0.0142	10.609	0.56%	
2.2	0.0153	11.452	1.69%	
2.3	0.0163	12.201	1.92%	
2.4	0.0173	12.950	2.11%	
2.5	0.0182	13.636	1.82%	
2.6	0.0193	14.448	2.44%	
2.7	0.0203	15.165	2.38%	
2.8	0.0211	15.821	1.91%	
2.9	0.0221	16.538	1.87%	
3.0	0.0229	17.162	1.28%	
3.1	0.0239	17.880	1.27%	
3.2	0.0247	18.473	0.58%	
3.3	0.0256	19.159	0.44%	
3.4	0.0265	19.815	0.14%	
3.5	0.0274	20.501	0.02%	
3.6	0.0282	21.125	-0.39%	
3.7	0.0292	21.843	-0.34%	
3.8	0.0300	22.498	-0.57%	
3.9	0.0310	23.247	-0.39%	
4.0	0.0319	23.871	-0.74%	
5.0	0.0414	31.017	-0.44%	
6.0	0.0508	38.069	-0.49%	
7.0	0.0604	45.215	-0.32%	
8.0	0.0705	52.829	0.69%	
SLOPE (cc/min)		578		

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	487	46.3	6.07
3	300	43.5	616	58.7	7.69
4	400	58.0	711	67.7	8.87
5	500	72.5	803	76.4	10.02

Battery Offset (msec)					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	1.459	1.086	0.797	0.591	0.469
3bar	1.629	1.214	0.887	0.648	0.496
4bar	1.796	1.321	0.966	0.731	0.616
5bar	2.080	1.480	1.043	0.768	0.656



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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