



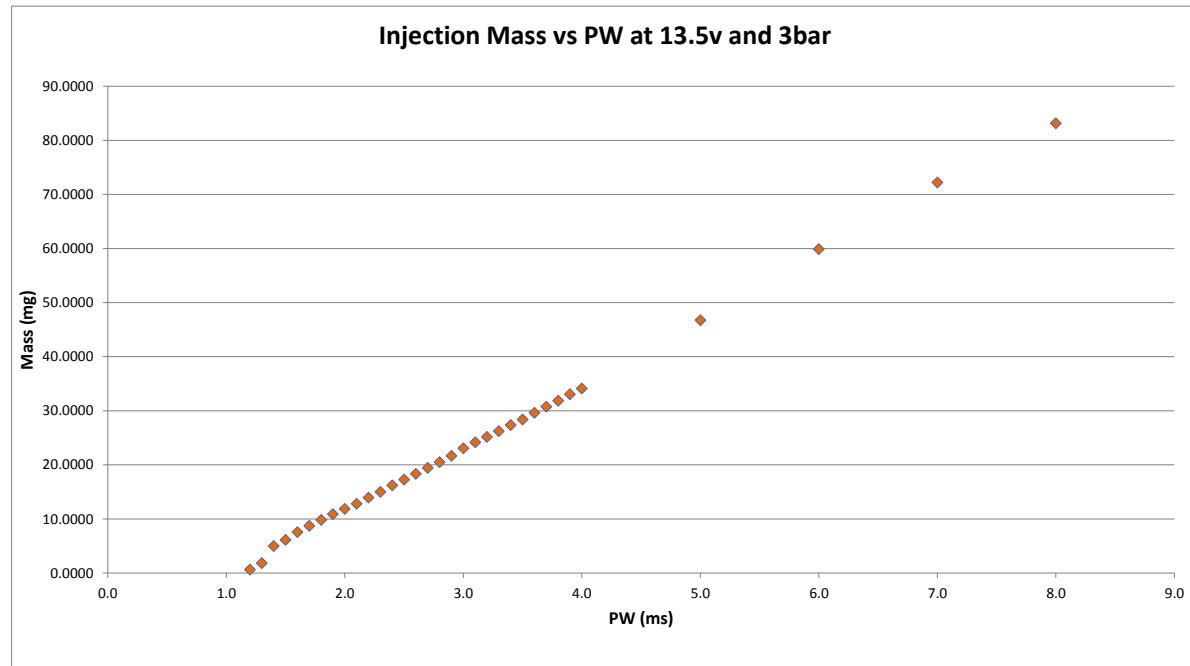
Fuel Injector Characterization Summary

DW PN: 16U-XX-0090-X, 16U-XX-0900-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	70.10%	
1.3	0.0024	1.810	13.62%	
1.4	0.0066	4.961	76.00%	
1.5	0.0082	6.116	51.20%	
1.6	0.0101	7.551	43.26%	
1.7	0.0116	8.706	34.00%	
1.8	0.0131	9.829	27.27%	
1.9	0.0145	10.890	21.69%	
2.0	0.0158	11.826	16.23%	
2.1	0.0171	12.794	12.21%	
2.2	0.0186	13.948	10.46%	
2.3	0.0200	15.009	8.34%	
2.4	0.0216	16.195	7.40%	
2.5	0.0230	17.256	5.83%	
2.6	0.0245	18.317	4.48%	LINEAR RANGE
2.7	0.0259	19.409	3.47%	
2.8	0.0273	20.470	2.43%	
2.9	0.0289	21.656	2.10%	
3.0	0.0308	23.060	2.78%	
3.1	0.0323	24.152	2.07%	
3.2	0.0336	25.151	1.05%	
3.3	0.0350	26.212	0.37%	
3.4	0.0365	27.366	0.09%	
3.5	0.0379	28.365	-0.71%	
3.6	0.0395	29.613	-0.60%	
3.7	0.0410	30.736	-0.91%	
3.8	0.0425	31.828	-1.29%	
3.9	0.0441	33.045	-1.27%	
4.0	0.0455	34.106	-1.70%	
5.0	0.0624	46.744	-0.45%	
6.0	0.0800	59.881	1.12%	
7.0	0.0964	72.206	1.02%	
8.0	0.1110	83.159	-0.69%	
SLOPE (cc/min)		990		

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	780	74.3	9.73
3	300	43.5	956	91.0	11.93
4	400	58.0	1120	106.7	13.98
5	500	72.5	1278	121.7	15.95

Battery Offset					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	2.318	1.647	1.128	0.763	0.550
3bar	2.648	1.918	1.357	0.966	0.744
4bar	2.876	2.147	1.564	1.126	0.834
5bar	3.244	2.395	1.733	1.258	0.970



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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