



## Fuel Injector Characterization Summary

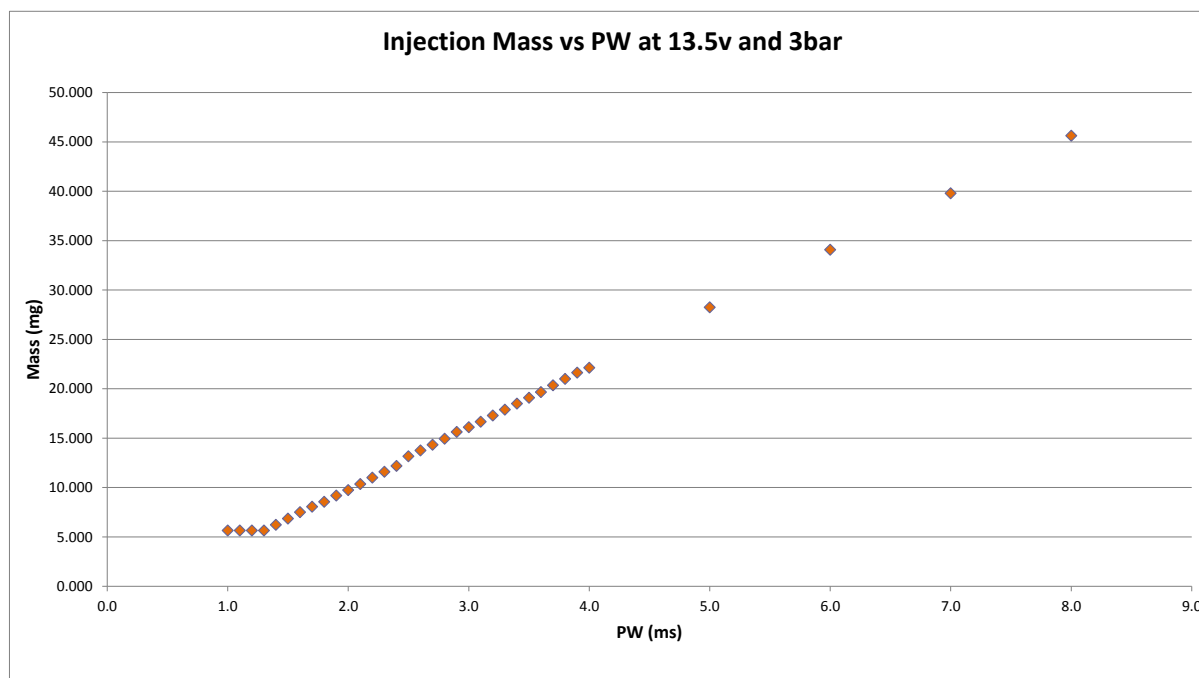
DW PN: 35U-XX-0044-X

Pulsed Flow Data (3bar,13.5)				
Pulse Width (ms)	Volumetric (cc/shot)	Gravimetric (mg/shot)	% Mass Deviation	Linearity
1.0	0.0075	5.645	-0.57%	NON
1.1	0.0075	5.645	5.02%	LINEAR
1.2	0.0075	5.645	2.41%	
1.3	0.0075	5.645	2.70%	
1.4	0.0083	6.219	2.01%	
1.5	0.0092	6.861	2.29%	
1.6	0.0100	7.505	2.92%	
1.7	0.0108	8.068	2.36%	
1.8	0.0114	8.549	0.84%	
1.9	0.0123	9.181	1.12%	
2.0	0.0130	9.731	0.45%	
2.1	0.0138	10.346	0.44%	
2.2	0.0147	10.996	0.69%	
2.3	0.0155	11.593	0.41%	
2.4	0.0163	12.195	0.15%	
2.5	0.0176	13.168	-0.32%	
2.6	0.0184	13.761	-0.30%	
2.7	0.0191	14.323	-0.50%	
2.8	0.0200	14.947	-0.27%	
2.9	0.0209	15.633	0.35%	
3.0	0.0215	16.101	-0.43%	
3.1	0.0223	16.663	-0.60%	
3.2	0.0231	17.287	-0.39%	
3.3	0.0239	17.880	-0.37%	
3.4	0.0247	18.504	-0.19%	
3.5	0.0255	19.097	-0.18%	
3.6	0.0263	19.659	-0.33%	
3.7	0.0272	20.345	0.15%	
3.8	0.0280	21.000	0.45%	
3.9	0.0289	21.624	0.58%	
4.0	0.0295	22.124	0.15%	
5.0	0.0377	28.240	0.82%	
6.0	0.0455	34.075	0.42%	
7.0	0.0531	39.785	-0.17%	
8.0	0.0609	45.620	-0.33%	
<b>SLOPE (cc/min)</b>		<b>469</b>		

LINEAR RANGE

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	389	37.1	4.86
3	300	43.5	475	45.3	5.93
4	400	58.0	563	53.6	7.02
5	500	72.5	635	60.5	7.92

Battery Offset					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	0.638	0.412	0.232	0.099	0.013
3bar	0.777	0.491	0.270	0.115	0.026
4bar	0.882	0.578	0.344	0.179	0.084
5bar	0.999	0.668	0.418	0.248	0.159



**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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