



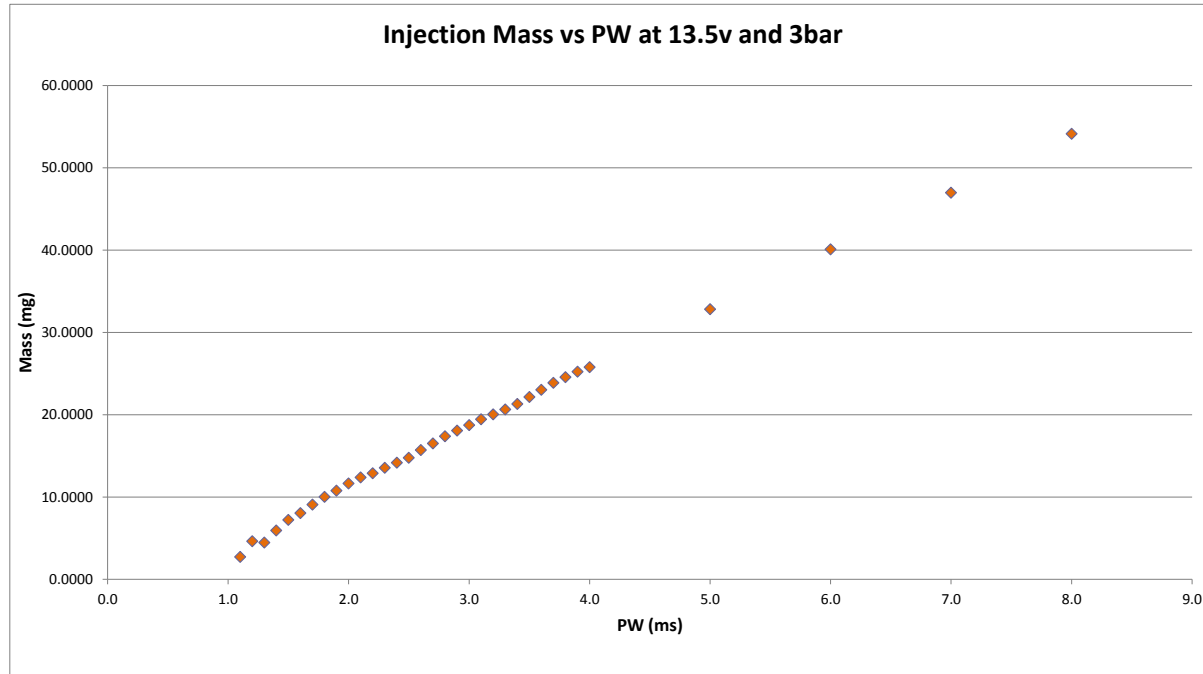
Fuel Injector Characterization Summary

DW PN: 01J-XX-0550-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	0.0036	2.715	-48.03%	
1.2	0.0062	4.618	-22.16%	
1.3	0.0060	4.462	-32.82%	
1.4	0.0079	5.929	-19.35%	
1.5	0.0096	7.208	-10.57%	
1.6	0.0108	8.051	-8.20%	
1.7	0.0121	9.080	-4.20%	
1.8	0.0134	10.017	-1.68%	LINEAR RANGE
1.9	0.0144	10.765	-1.21%	
2.0	0.0155	11.639	0.28%	
2.1	0.0165	12.388	0.59%	
2.2	0.0172	12.887	-1.05%	
2.3	0.0181	13.543	-1.39%	
2.4	0.0189	14.167	-1.91%	
2.5	0.0197	14.760	-2.59%	
2.6	0.0210	15.696	-1.04%	
2.7	0.0220	16.507	-0.38%	
2.8	0.0232	17.381	0.58%	
2.9	0.0241	18.067	0.44%	
3.0	0.0250	18.723	0.13%	
3.1	0.0260	19.440	0.17%	
3.2	0.0268	20.033	-0.41%	
3.3	0.0275	20.626	-0.96%	
3.4	0.0285	21.312	-1.03%	
3.5	0.0296	22.155	-0.40%	
3.6	0.0308	23.029	0.33%	
3.7	0.0319	23.871	0.88%	
3.8	0.0328	24.558	0.76%	
3.9	0.0337	25.213	0.53%	
4.0	0.0344	25.775	-0.06%	
5.0	0.0438	32.827	-0.17%	
6.0	0.0535	40.097	0.31%	
7.0	0.0627	46.962	-0.22%	
8.0	0.0723	54.139	-0.03%	
SLOPE (cc/min)		568		

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	476	45.3	5.94
3	300	43.5	573	54.6	7.15
4	400	58.0	655	62.4	8.18
5	500	72.5	744	70.8	9.28

Battery Offset					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	1.128	0.714	0.416	0.234	0.168
3bar	1.451	0.864	0.458	0.231	0.184
4bar	1.826	1.180	0.701	0.388	0.241
5bar	2.202	1.497	0.944	0.545	0.298



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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