Injector Offset

manifold vaccuum (kPa)	0	5	10	15	20
injector differential pressure (psi)	58.0	58.7	59.5	60.2	60.9
4.5	3.990	4.025	4.060	4.096	4.131
5.0	3.732	3.764	3.797	3.829	3.861
5.5	3.484	3.514	3.543	3.573	3.602
6.0	3.246	3.273	3.300	3.327	3.354
6.5	3.018	3.043	3.067	3.092	3.116
7.0	2.800	2.823	2.845	2.867	2.889
7.5	2.592	2.612	2.633	2.653	2.673
8.0	2.395	2.413	2.431	2.449	2.467
8.5	2.207	2.223	2.239	2.255	2.272
9.0	2.029	2.043	2.058	2.073	2.087
9.5	1.861	1.874	1.887	1.900	1.913
10.0	1.703	1.715	1.727	1.738	1.750
10.5	1.555	1.566	1.576	1.587	1.598
11.0	1.417	1.427	1.436	1.446	1.456
11.5	1.289	1.298	1.307	1.316	1.325
12.0	1.171	1.179	1.188	1.196	1.204
12.5	1.063	1.071	1.079	1.086	1.094
13.0	0.965	0.973	0.980	0.988	0.995
13.5	0.877	0.884	0.892	0.899	0.906
14.0	0.799	0.806	0.814	0.821	0.829
14.5	0.731	0.739	0.746	0.754	0.761
15.0	0.673	0.681	0.689	0.697	0.705
15.5	0.625	0.634	0.642	0.650	0.659
16.0	0.587	0.596	0.605	0.614	0.623
16.5	0.559	0.569	0.579	0.589	0.599
17.0	0.541	0.552	0.563	0.574	0.584
17.5	0.530	0.541	0.552	0.563	0.573
18.0	0.519	0.530	0.541	0.551	0.562
18.5	0.508	0.519	0.530	0.540	0.551
19.0	0.497	0.508	0.519	0.529	0.540
19.5	0.486	0.497	0.507	0.518	0.529
20.0	0.475	0.486	0.496	0.507	0.518
20.5	0.464	0.474	0.485	0.496	0.507

	18.6	20.9	23.2	25.5	27.8
4	2.742	2.843	2.944	3.044	3.145
5	2.559	2.652	2.746	2.839	2.933
6	2.212	2.292	2.372	2.451	2.531
7	1.891	1.959	2.026	2.094	2.161
8	1.595	1.652	1.709	1.766	1.823

9	1.325	1.373	1.421	1.469	1.517
10	1.080	1.121	1.161	1.201	1.242
11	0.861	0.895	0.930	0.964	0.999
12	0.667	0.697	0.727	0.757	0.787
13	0.499	0.526	0.553	0.580	0.607
14	0.356	0.382	0.408	0.433	0.459
15	0.239	0.265	0.291	0.316	0.342
16	0.147	0.175	0.202	0.230	0.257
17	0.081	0.112	0.143	0.173	0.204
18	0.059	0.090	0.120	0.151	0.182
19	0.037	0.067	0.098	0.129	0.160
20	0.014	0.045	0.076	0.107	0.138

	18.6	21.5	24.4	27.3	30.2
4	2.742	2.868	2.994	3.120	3.246
5	2.559	2.676	2.793	2.909	3.026
6	2.212	2.312	2.412	2.511	2.611
7	1.891	1.975	2.060	2.144	2.229
8	1.595	1.666	1.738	1.809	1.880
9	1.325	1.385	1.445	1.505	1.565
10	1.080	1.131	1.181	1.232	1.282
11	0.861	0.904	0.947	0.990	1.033
12	0.667	0.705	0.742	0.780	0.817
13	0.499	0.533	0.567	0.600	0.634
14	0.356	0.388	0.420	0.452	0.485
15	0.239	0.271	0.304	0.336	0.368
16	0.147	0.182	0.216	0.251	0.285
17	0.081	0.119	0.158	0.196	0.235
18	0.059	0.097	0.136	0.174	0.213
19	0.037	0.075	0.114	0.152	0.191
20	0.014	0.053	0.091	0.130	0.168

vs. Pressure Delta vs. IGNV

25	30	35	40	45	50	55	60
61.6	62.4	63.1	63.8	64.5	65.3	66.0	66.7
4.166	4.201	4.236	4.271	4.306	4.342	4.377	4.412
3.893	3.925	3.958	3.990	4.022	4.054	4.087	4.119
3.632	3.661	3.690	3.720	3.749	3.779	3.808	3.838
3.381	3.407	3.434	3.461	3.488	3.515	3.542	3.569
3.140	3.165	3.189	3.214	3.238	3.262	3.287	3.311
2.911	2.933	2.955	2.978	3.000	3.022	3.044	3.066
2.693	2.713	2.733	2.753	2.773	2.793	2.813	2.833
2.485	2.503	2.521	2.539	2.557	2.575	2.593	2.611
2.288	2.304	2.321	2.337	2.353	2.369	2.386	2.402
2.102	2.117	2.131	2.146	2.161	2.175	2.190	2.205
1.927	1.940	1.953	1.966	1.979	1.993	2.006	2.019
1.762	1.774	1.786	1.798	1.810	1.822	1.834	1.846
1.609	1.619	1.630	1.641	1.652	1.662	1.673	1.684
1.466	1.476	1.485	1.495	1.505	1.515	1.524	1.534
1.334	1.343	1.352	1.361	1.370	1.379	1.388	1.397
1.213	1.221	1.229	1.238	1.246	1.254	1.262	1.271
1.102	1.110	1.118	1.126	1.133	1.141	1.149	1.157
1.003	1.010	1.018	1.025	1.033	1.040	1.048	1.055
0.914	0.921	0.928	0.936	0.943	0.951	0.958	0.965
0.836	0.843	0.851	0.858	0.865	0.873	0.880	0.887
0.769	0.776	0.784	0.791	0.799	0.806	0.814	0.821
0.712	0.720	0.728	0.736	0.744	0.752	0.759	0.767
0.667	0.675	0.684	0.692	0.700	0.709	0.717	0.725
0.632	0.641	0.650	0.659	0.668	0.677	0.686	0.695
0.608	0.618	0.628	0.638	0.647	0.657	0.667	0.677
0.595	0.606	0.617	0.628	0.638	0.649	0.660	0.671
0.584	0.595	0.606	0.616	0.627	0.638	0.649	0.659
0.573	0.584	0.595	0.605	0.616	0.627	0.638	0.648
0.562	0.573	0.583	0.594	0.605	0.616	0.626	0.637
0.551	0.562	0.572	0.583	0.594	0.605	0.615	0.626
0.540	0.550	0.561	0.572	0.583	0.594	0.604	0.615
0.529	0.539	0.550	0.561	0.572	0.582	0.593	0.604
0.518	0.528	0.539	0.550	0.561	0.571	0.582	0.593

30.2	32.5	34.8	37.1	39.5	41.8	44.1	46.4
3.246	3.296	3.345	3.395	3.445	3.494	3.544	3.618
3.026	3.074	3.122	3.170	3.217	3.265	3.313	3.383
2.611	2.656	2.700	2.745	2.789	2.834	2.878	2.940
2.229	2.271	2.312	2.354	2.395	2.437	2.478	2.532
1.880	1.919	1.958	1.997	2.036	2.075	2.114	2.161

1.565	1.601	1.638	1.674	1.711	1.747	1.784	1.825
1.282	1.317	1.351	1.386	1.420	1.454	1.489	1.525
1.033	1.066	1.098	1.131	1.164	1.196	1.229	1.261
0.817	0.848	0.879	0.911	0.942	0.973	1.004	1.032
0.634	0.664	0.694	0.724	0.755	0.784	0.815	0.840
0.485	0.514	0.543	0.572	0.601	0.631	0.660	0.683
0.368	0.397	0.425	0.454	0.483	0.511	0.540	0.562
0.285	0.313	0.342	0.370	0.399	0.427	0.455	0.477
0.235	0.263	0.292	0.320	0.349	0.377	0.405	0.428
0.213	0.241	0.270	0.298	0.326	0.355	0.383	0.406
0.191	0.219	0.247	0.276	0.304	0.333	0.361	0.384
0.168	0.197	0.225	0.254	0.282	0.310	0.339	0.362

33.1	36	38.9	41.8	44.7	47.6	50.5	53.4
3.306	3.365	3.425	3.484	3.544	3.633	3.722	3.812
3.084	3.141	3.198	3.256	3.313	3.397	3.481	3.565
2.664	2.718	2.771	2.825	2.878	2.952	3.025	3.099
2.279	2.329	2.379	2.429	2.478	2.543	2.607	2.672
1.927	1.974	2.020	2.067	2.114	2.170	2.226	2.282
1.608	1.652	1.696	1.740	1.784	1.833	1.882	1.931
1.324	1.365	1.406	1.448	1.489	1.532	1.574	1.617
1.072	1.111	1.151	1.190	1.229	1.267	1.304	1.342
0.854	0.892	0.929	0.967	1.004	1.038	1.071	1.104
0.670	0.706	0.742	0.779	0.815	0.845	0.875	0.905
0.520	0.555	0.590	0.625	0.660	0.688	0.716	0.743
0.403	0.437	0.471	0.506	0.540	0.567	0.593	0.620
0.319	0.353	0.387	0.421	0.455	0.482	0.508	0.534
0.269	0.303	0.337	0.371	0.405	0.433	0.460	0.487
0.247	0.281	0.315	0.349	0.383	0.410	0.438	0.465
0.225	0.259	0.293	0.327	0.361	0.388	0.415	0.443
0.202	0.237	0.271	0.305	0.339	0.366	0.393	0.420

65	70	75	80
67.4	68.2	68.9	69.6
4.447	4.482	4.517	4.552
4.151	4.183	4.215	4.248
3.867	3.897	3.926	3.955
3.595	3.622	3.649	3.676
3.336	3.360	3.385	3.409
3.088	3.110	3.132	3.155
2.853	2.873	2.893	2.913
2.629	2.648	2.666	2.684
2.418	2.435	2.451	2.467
2.219	2.234	2.249	2.263
2.032	2.045	2.059	2.072
1.857	1.869	1.881	1.893
1.695	1.705	1.716	1.727
1.544	1.554	1.564	1.573
1.406	1.415	1.423	1.432
1.279	1.287	1.296	1.304
1.165	1.173	1.181	1.188
1.063	1.070	1.078	1.085
0.973	0.980	0.987	0.995
0.895	0.902	0.909	0.917
0.829	0.836	0.844	0.851
0.775	0.783	0.791	0.799
0.733	0.742	0.750	0.758
0.704	0.713	0.722	0.731
0.687	0.696	0.706	0.716
0.681	0.692	0.703	0.714
0.670	0.681	0.692	0.703
0.659	0.670	0.681	0.691
0.648	0.659	0.670	0.680
0.637	0.648	0.658	0.669
0.626	0.637	0.647	0.658
0.615	0.625	0.636	0.647
0.604	0.614	0.625	0.636

48.7	51.1	53.4	55.7	58	60.3	62.7	65
3.692	3.767	3.841	3.916	3.990	4.084	4.177	4.271
3.453	3.523	3.593	3.662	3.732	3.818	3.904	3.990
3.001	3.062	3.124	3.185	3.246	3.318	3.389	3.461
2.586	2.639	2.693	2.747	2.800	2.860	2.918	2.978
2.207	2.254	2.301	2.348	2.395	2.443	2.491	2.539

1.865	1.906	1.947	1.988	2.029	2.068	2.107	2.146
1.560	1.596	1.632	1.667	1.703	1.734	1.766	1.798
1.292	1.323	1.354	1.385	1.417	1.443	1.469	1.495
1.060	1.088	1.115	1.143	1.171	1.193	1.215	1.238
0.865	0.890	0.915	0.940	0.965	0.985	1.005	1.025
0.706	0.729	0.753	0.776	0.799	0.819	0.838	0.858
0.584	0.607	0.629	0.651	0.673	0.694	0.715	0.736
0.499	0.521	0.543	0.565	0.587	0.611	0.635	0.659
0.451	0.473	0.496	0.519	0.541	0.570	0.599	0.628
0.428	0.451	0.474	0.496	0.519	0.548	0.577	0.605
0.406	0.429	0.452	0.474	0.497	0.526	0.554	0.583
0.384	0.407	0.430	0.452	0.475	0.504	0.532	0.561

56.3	**59.2**	**62.1**	**65**	**67.9**	**70.8**	**73.7**	**76.6**
3.901	3.990	4.103	4.215	4.327	4.440	4.552	4.627
3.648	3.732	3.835	3.938	4.041	4.145	4.248	4.318
3.173	3.246	3.332	3.418	3.504	3.590	3.676	3.739
2.736	2.800	2.871	2.942	3.013	3.084	3.155	3.212
2.338	2.395	2.452	2.510	2.568	2.626	2.684	2.735
1.980	2.029	2.076	2.122	2.169	2.216	2.263	2.310
1.660	1.703	1.741	1.779	1.817	1.855	1.893	1.935
1.379	1.417	1.448	1.479	1.511	1.542	1.573	1.612
1.138	1.171	1.198	1.224	1.251	1.277	1.304	1.339
0.935	0.965	0.989	1.013	1.037	1.061	1.085	1.118
0.771	0.799	0.823	0.846	0.870	0.893	0.917	0.948
0.647	0.673	0.698	0.723	0.748	0.774	0.799	0.829
0.561	0.587	0.616	0.645	0.673	0.702	0.731	0.761
0.514	0.541	0.576	0.610	0.645	0.679	0.714	0.744
0.492	0.519	0.554	0.588	0.623	0.657	0.691	0.722
0.470	0.497	0.531	0.566	0.600	0.635	0.669	0.700
0.448	0.475	0.509	0.544	0.578	0.613	0.647	0.678

67.3	69.6	71.9	74.3	76.6	78.9	81.2	83.5
4.365	4.458	4.552	4.614	4.676	4.738	4.800	4.862
4.076	4.162	4.248	4.307	4.365	4.424	4.483	4.542
3.533	3.604	3.676	3.729	3.782	3.835	3.888	3.941
3.037	3.095	3.155	3.202	3.250	3.297	3.345	3.393
2.587	2.635	2.684	2.727	2.769	2.812	2.855	2.898

2.185	2.224	2.263	2.302	2.340	2.379	2.418	2.456
1.830	1.861	1.893	1.928	1.963	1.998	2.033	2.068
1.521	1.547	1.573	1.605	1.637	1.669	1.701	1.733
1.260	1.282	1.304	1.334	1.363	1.393	1.422	1.451
1.045	1.065	1.085	1.113	1.140	1.168	1.196	1.223
0.878	0.897	0.917	0.943	0.969	0.995	1.022	1.048
0.757	0.778	0.799	0.824	0.849	0.875	0.900	0.926
0.683	0.707	0.731	0.756	0.781	0.806	0.832	0.857
0.656	0.685	0.714	0.739	0.765	0.790	0.816	0.841
0.634	0.663	0.691	0.717	0.742	0.768	0.794	0.819
0.612	0.640	0.669	0.695	0.720	0.746	0.771	0.797
0.590	0.618	0.647	0.673	0.698	0.724	0.749	0.775

79.5	82.4	85.3	88.2	91.1	94	96.9	99.8
4.701	4.776	4.850	4.924	5.012	5.099	5.186	5.273
4.389	4.459	4.530	4.601	4.682	4.764	4.846	4.927
3.803	3.866	3.930	3.994	4.065	4.136	4.207	4.279
3.269	3.326	3.383	3.440	3.502	3.564	3.626	3.688
2.787	2.838	2.889	2.941	2.995	3.049	3.102	3.156
2.356	2.402	2.449	2.495	2.542	2.589	2.636	2.682
1.977	2.019	2.061	2.103	2.144	2.185	2.226	2.267
1.650	1.689	1.727	1.765	1.801	1.838	1.874	1.910
1.375	1.410	1.446	1.481	1.514	1.546	1.579	1.611
1.151	1.184	1.218	1.251	1.281	1.311	1.341	1.371
0.980	1.011	1.043	1.074	1.103	1.131	1.160	1.189
0.860	0.890	0.921	0.951	0.980	1.008	1.037	1.065
0.791	0.822	0.852	0.882	0.911	0.941	0.970	1.000
0.775	0.806	0.836	0.867	0.898	0.930	0.961	0.993
0.753	0.783	0.814	0.845	0.876	0.907	0.939	0.970
0.730	0.761	0.792	0.822	0.854	0.885	0.917	0.948
0.708	0.739	0.770	0.800	0.832	0.863	0.895	0.926

85.9	88.2	90.5	92.8
4.924	4.982	5.040	5.099
4.601	4.655	4.708	4.764
3.994	4.041	4.088	4.136
3.440	3.481	3.522	3.564
2.941	2.976	3.012	3.049

2.495	2.526	2.557	2.589
2.103	2.130	2.157	2.185
1.765	1.789	1.813	1.838
1.481	1.503	1.524	1.546
1.251	1.270	1.290	1.311
1.074	1.093	1.112	1.131
0.951	0.970	0.989	1.008
0.882	0.901	0.921	0.941
0.867	0.888	0.908	0.930
0.845	0.865	0.886	0.907
0.822	0.843	0.864	0.885
0.800	0.821	0.842	0.863

102.7	**105.6**	**108.5**	**111.4**
5.361	5.470	5.579	5.688
5.009	5.111	5.213	5.315
4.350	4.439	4.528	4.617
3.750	3.828	3.905	3.983
3.210	3.277	3.345	3.412
2.729	2.788	2.846	2.905
2.308	2.359	2.410	2.461
1.946	1.991	2.037	2.082
1.644	1.685	1.725	1.766
1.401	1.439	1.476	1.514
1.218	1.253	1.289	1.325
1.094	1.129	1.165	1.200
1.029	1.066	1.103	1.139
1.024	1.063	1.103	1.142
1.002	1.041	1.080	1.120
0.980	1.019	1.058	1.097
0.957	0.997	1.036	1.075