

Koehler Injection & Balancing



Custom Enderle Fuel Injection - Flow Testing

Nitrous Charger system for MFI

Racing Engine & Industrial **Balancing**

Nitrous Master™ Software & Products

David Koehler

www.koehlerinjection.com

217 531 1770

1888 CR 1600 N. Urbana, IL 61802

Methanol @ 60° = .796sg

Nitro @ 60° = 1.144sg

Hydrometers available here >

<http://koehlerinjection.com/fuel-injection-tools.html>

Nitro percentage versus FUEL temperature = Specific gravity

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Fuel Temperature

Prcnt	40	45	50	55	60	65	70	75	80	85	90	95	100
1	.810	.807	.805	.802	.799	.797	.794	.792	.789	.787	.785	.782	.780
2	.814	.811	.808	.806	.803	.800	.798	.795	.793	.790	.788	.786	.783
3	.817	.814	.812	.809	.806	.804	.801	.799	.796	.794	.792	.789	.787
4	.821	.818	.815	.813	.810	.807	.805	.802	.800	.797	.795	.793	.790
5	.824	.821	.819	.816	.813	.811	.808	.806	.803	.801	.798	.796	.794
6	.828	.825	.822	.820	.817	.814	.812	.809	.807	.804	.802	.799	.797
7	.831	.828	.826	.823	.820	.818	.815	.813	.810	.808	.805	.803	.800
8	.835	.832	.829	.827	.824	.821	.819	.816	.814	.811	.809	.806	.804
9	.838	.835	.833	.830	.827	.825	.822	.820	.817	.815	.812	.810	.807
10	.842	.839	.836	.834	.831	.828	.826	.823	.820	.818	.815	.813	.811
11	.845	.843	.840	.837	.834	.832	.829	.826	.824	.821	.819	.816	.814
12	.849	.846	.843	.841	.838	.835	.833	.830	.827	.825	.822	.820	.817
13	.852	.850	.847	.844	.841	.839	.836	.833	.831	.828	.826	.823	.821
14	.856	.853	.850	.848	.845	.842	.839	.837	.834	.832	.829	.827	.824
15	.859	.857	.854	.851	.848	.846	.843	.840	.838	.835	.833	.830	.828
16	.863	.860	.857	.855	.852	.849	.846	.844	.841	.839	.836	.833	.831
17	.867	.864	.861	.858	.855	.853	.850	.847	.845	.842	.839	.837	.834
18	.870	.867	.864	.862	.859	.856	.853	.851	.848	.845	.843	.840	.838
19	.874	.871	.868	.865	.862	.859	.857	.854	.851	.849	.846	.844	.841
20	.877	.874	.871	.868	.866	.863	.860	.858	.855	.852	.850	.847	.845
21	.881	.878	.875	.872	.869	.866	.864	.861	.858	.856	.853	.851	.848
22	.884	.881	.878	.875	.873	.870	.867	.864	.862	.859	.856	.854	.851
23	.888	.885	.882	.879	.876	.873	.871	.868	.865	.863	.860	.857	.855
24	.891	.888	.885	.882	.880	.877	.874	.871	.869	.866	.863	.861	.858
25	.895	.892	.889	.886	.883	.880	.878	.875	.872	.869	.867	.864	.862
26	.898	.895	.892	.889	.887	.884	.881	.878	.876	.873	.870	.868	.865
27	.902	.899	.896	.893	.890	.887	.884	.882	.879	.876	.874	.871	.868
28	.905	.902	.899	.896	.894	.891	.888	.885	.882	.880	.877	.874	.872
29	.909	.906	.903	.900	.897	.894	.891	.889	.886	.883	.880	.878	.875
30	.912	.909	.906	.903	.901	.898	.895	.892	.889	.887	.884	.881	.879
31	.916	.913	.910	.907	.904	.901	.898	.896	.893	.890	.887	.885	.882
32	.919	.916	.913	.910	.908	.905	.902	.899	.896	.893	.891	.888	.885
33	.923	.920	.917	.914	.911	.908	.905	.902	.900	.897	.894	.891	.889

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Prcnt	40	45	50	55	60	65	70	75	80	85	90	95	100
34	.927	.923	.920	.917	.914	.912	.909	.906	.903	.900	.898	.895	.892
35	.930	.927	.924	.921	.918	.915	.912	.909	.906	.904	.901	.898	.896
36	.934	.931	.927	.924	.921	.919	.916	.913	.910	.907	.904	.902	.899
37	.937	.934	.931	.928	.925	.922	.919	.916	.913	.911	.908	.905	.902
38	.941	.938	.934	.931	.928	.925	.923	.920	.917	.914	.911	.908	.906
39	.944	.941	.938	.935	.932	.929	.926	.923	.920	.917	.915	.912	.909
40	.948	.945	.941	.938	.935	.932	.929	.927	.924	.921	.918	.915	.913
41	.951	.948	.945	.942	.939	.936	.933	.930	.927	.924	.921	.919	.916
42	.955	.952	.948	.945	.942	.939	.936	.933	.931	.928	.925	.922	.919
43	.958	.955	.952	.949	.946	.943	.940	.937	.934	.931	.928	.926	.923
44	.962	.959	.956	.952	.949	.946	.943	.940	.937	.935	.932	.929	.926
45	.965	.962	.959	.956	.953	.950	.947	.944	.941	.938	.935	.932	.930
46	.969	.966	.963	.959	.956	.953	.950	.947	.944	.941	.939	.936	.933
47	.972	.969	.966	.963	.960	.957	.954	.951	.948	.945	.942	.939	.936
48	.976	.973	.970	.966	.963	.960	.957	.954	.951	.948	.945	.943	.940
49	.979	.976	.973	.970	.967	.964	.961	.958	.955	.952	.949	.946	.943
50	.983	.980	.977	.973	.970	.967	.964	.961	.958	.955	.952	.949	.947
51	.987	.983	.980	.977	.974	.971	.968	.965	.962	.959	.956	.953	.950
52	.990	.987	.984	.980	.977	.974	.971	.968	.965	.962	.959	.956	.953
53	.994	.990	.987	.984	.981	.978	.974	.971	.968	.965	.963	.960	.957
54	.997	.994	.991	.987	.984	.981	.978	.975	.972	.969	.966	.963	.960
55	1.001	.997	.994	.991	.988	.985	.981	.978	.975	.972	.969	.966	.964
56	1.004	1.001	.998	.994	.991	.988	.985	.982	.979	.976	.973	.970	.967
57	1.008	1.004	1.001	.998	.995	.991	.988	.985	.982	.979	.976	.973	.970
58	1.011	1.008	1.005	1.001	.998	.995	.992	.989	.986	.983	.980	.977	.974
59	1.015	1.011	1.008	1.005	1.002	.998	.995	.992	.989	.986	.983	.980	.977
60	1.018	1.015	1.012	1.008	1.005	1.002	.999	.996	.993	.989	.986	.983	.981
61	1.022	1.018	1.015	1.012	1.009	1.005	1.002	.999	.996	.993	.990	.987	.984
62	1.025	1.022	1.019	1.015	1.012	1.009	1.006	1.003	.999	.996	.993	.990	.987
63	1.029	1.026	1.022	1.019	1.016	1.012	1.009	1.006	1.003	1.000	.997	.994	.991
64	1.032	1.029	1.026	1.022	1.019	1.016	1.013	1.009	1.006	1.003	1.000	.997	.994
65	1.036	1.033	1.029	1.026	1.023	1.019	1.016	1.013	1.010	1.007	1.004	1.001	.998
66	1.040	1.036	1.033	1.029	1.026	1.023	1.020	1.016	1.013	1.010	1.007	1.004	1.001

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Prcnt	40	45	50	55	60	65	70	75	80	85	90	95	100
67	1.043	1.040	1.036	1.033	1.029	1.026	1.023	1.020	1.017	1.013	1.010	1.007	1.004
68	1.047	1.043	1.040	1.036	1.033	1.030	1.026	1.023	1.020	1.017	1.014	1.011	1.008
69	1.050	1.047	1.043	1.040	1.036	1.033	1.030	1.027	1.023	1.020	1.017	1.014	1.011
70	1.054	1.050	1.047	1.043	1.040	1.037	1.033	1.030	1.027	1.024	1.021	1.018	1.015
71	1.057	1.054	1.050	1.047	1.043	1.040	1.037	1.034	1.030	1.027	1.024	1.021	1.018
72	1.061	1.057	1.054	1.050	1.047	1.044	1.040	1.037	1.034	1.031	1.028	1.024	1.021
73	1.064	1.061	1.057	1.054	1.050	1.047	1.044	1.040	1.037	1.034	1.031	1.028	1.025
74	1.068	1.064	1.061	1.057	1.054	1.051	1.047	1.044	1.041	1.038	1.034	1.031	1.028
75	1.071	1.068	1.064	1.061	1.057	1.054	1.051	1.047	1.044	1.041	1.038	1.035	1.032
76	1.075	1.071	1.068	1.064	1.061	1.057	1.054	1.051	1.048	1.044	1.041	1.038	1.035
77	1.078	1.075	1.071	1.068	1.064	1.061	1.058	1.054	1.051	1.048	1.045	1.041	1.038
78	1.082	1.078	1.075	1.071	1.068	1.064	1.061	1.058	1.054	1.051	1.048	1.045	1.042
79	1.085	1.082	1.078	1.075	1.071	1.068	1.065	1.061	1.058	1.055	1.051	1.048	1.045
80	1.089	1.085	1.082	1.078	1.075	1.071	1.068	1.065	1.061	1.058	1.055	1.052	1.049
81	1.092	1.089	1.085	1.082	1.078	1.075	1.071	1.068	1.065	1.062	1.058	1.055	1.052
82	1.096	1.092	1.089	1.085	1.082	1.078	1.075	1.072	1.068	1.065	1.062	1.059	1.055
83	1.100	1.096	1.092	1.089	1.085	1.082	1.078	1.075	1.072	1.068	1.065	1.062	1.059
84	1.103	1.099	1.096	1.092	1.089	1.085	1.082	1.078	1.075	1.072	1.069	1.065	1.062
85	1.107	1.103	1.099	1.096	1.092	1.089	1.085	1.082	1.079	1.075	1.072	1.069	1.066
86	1.110	1.106	1.103	1.099	1.096	1.092	1.089	1.085	1.082	1.079	1.075	1.072	1.069
87	1.114	1.110	1.106	1.103	1.099	1.096	1.092	1.089	1.085	1.082	1.079	1.076	1.072
88	1.117	1.113	1.110	1.106	1.103	1.099	1.096	1.092	1.089	1.086	1.082	1.079	1.076
89	1.121	1.117	1.113	1.110	1.106	1.103	1.099	1.096	1.092	1.089	1.086	1.082	1.079
90	1.124	1.121	1.117	1.113	1.110	1.106	1.103	1.099	1.096	1.092	1.089	1.086	1.083
91	1.128	1.124	1.120	1.117	1.113	1.110	1.106	1.103	1.099	1.096	1.093	1.089	1.086
92	1.131	1.128	1.124	1.120	1.117	1.113	1.110	1.106	1.103	1.099	1.096	1.093	1.089
93	1.135	1.131	1.127	1.124	1.120	1.117	1.113	1.110	1.106	1.103	1.099	1.096	1.093
94	1.138	1.135	1.131	1.127	1.124	1.120	1.116	1.113	1.110	1.106	1.103	1.099	1.096
95	1.142	1.138	1.134	1.131	1.127	1.123	1.120	1.116	1.113	1.110	1.106	1.103	1.100
96	1.145	1.142	1.138	1.134	1.131	1.127	1.123	1.120	1.116	1.113	1.110	1.106	1.103
97	1.149	1.145	1.141	1.138	1.134	1.130	1.127	1.123	1.120	1.116	1.113	1.110	1.106
98	1.153	1.149	1.145	1.141	1.138	1.134	1.130	1.127	1.123	1.120	1.116	1.113	1.110
99	1.156	1.152	1.148	1.145	1.141	1.137	1.134	1.130	1.127	1.123	1.120	1.116	1.113
100	1.160	1.156	1.152	1.148	1.144	1.141	1.137	1.134	1.130	1.127	1.123	1.120	1.117

