

Test Comments:
 New fuel punp

Operator: Dave 3:22 pm 04/09/2011 Pk Tq 1235.92 @ 5700 * 4.610" Bore
 Eng #: Corr. To: 29.92/60 dry Pk HP 1428.91 @ 6300 * 4.500" Stroke
 Customer: Dennis Rogers Corr. Factor 1.079 600.89 cid 4 Cycle 8 Cylinders

RPM	Engine RPM	FUEL FLOW	Air T emp.	High Fuel P.S.I.	Oil P.S.I.	Vacuum/Boost	Corr Tq	Corr HP	BSFC
2550 *	2542	463.97	85.21	9.97	73.28	2.63	777.31	376.34	1.329
2700 *	2712	485.00	85.73	10.27	74.01	3.07	822.43	424.72	1.228
2850 *	2850	502.86	85.47	10.57	74.56	3.40	883.57	479.63	1.132
3000 *	2989	509.42	85.21	10.86	75.12	3.69	916.88	521.85	1.058
3150 *	3142	531.58	86.25	11.25	75.78	4.02	965.56	577.90	.992
3300 *	3306	560.29	88.34	11.69	76.14	4.32	981.95	618.10	.978
3450 *	3437	588.11	88.34	12.05	76.63	4.57	1017.93	666.25	.941
3600 *	3615	579.74	88.34	12.57	77.28	5.32	1016.27	699.76	.898
3750 *	3753	576.57	88.34	12.89	77.69	5.52	1067.12	762.64	.817
3900 *	3916	577.03	88.34	13.27	78.09	5.76	1095.33	816.71	.760
4050 *	4053	569.11	88.34	13.80	78.20	5.99	1108.68	855.47	.721
4200 *	4216	576.57	89.12	14.45	78.76	6.85	1128.89	906.12	.687
4350 *	4351	582.68	89.91	14.88	78.81	6.98	1141.47	945.69	.664
4500 *	4507	597.60	89.91	15.35	79.12	7.34	1172.11	1005.96	.638
4650 *	4643	589.46	89.91	15.94	79.36	7.61	1182.66	1045.47	.614
4800 *	4801	621.34	89.91	16.62	79.60	8.31	1209.73	1105.75	.599
4950 *	4954	604.39	89.91	17.39	79.94	9.05	1187.61	1119.90	.585
5100 *	5103	612.53	90.69	18.07	80.03	9.37	1225.37	1190.37	.552
5250 *	5247	593.53	91.47	18.72	80.43	9.90	1224.22	1222.67	.529
5400 *	5406	606.87	91.47	19.59	80.06	10.28	1203.88	1239.30	.528
5550 *	5545	621.12	91.47	20.36	80.26	10.91	1205.03	1272.08	.528
5700 *	5698	645.31	91.47	21.29	80.34	11.64	1235.92 Pk	1340.93	.516
5850 *	5860	671.99	91.47	22.00	81.19	12.28	1168.04	1303.14	.557
6000 *	6014	681.49	91.47	23.10	82.35	12.84	1178.46	1349.48	.544
6150 *	6156	702.29	90.95	23.99	82.87	13.92	1162.45	1362.60	.553
6300 *	6303	699.80	89.91	25.25	83.65	14.97	1191.05	1428.91 Pk	.530
6450 *	6455	722.64	89.12	26.38	84.53	15.54	1149.61	1412.61	.548
6600 *	6595	756.10	87.82	27.45	84.79	16.32	1133.93	1423.74	.573
Avg *	4577	601.05	89.07	16.79	79.03	8.30	1098.34	981.22	.736

Test Conditions

Weather Conditions

Weather Data: Radio/TV Report with Rel Hum
 Corr. Barometer, "Hg 29.9
 Air Temperature, deg F 80
 Relative Humidity, % 60
 Elevation, feet 680
 Density Altitude, ft 2493
 Dry Density Altitude, ft 2934

Test Type:

Test Type: Meas Tq/HP from Dyno

Misc. Dyno Conditions

Water Temperature, deg F
 Oil Temperature, deg F
 Fuel sp.g. .745
 Fuel
 Corrections:
 Correct To: Std Race Dyno 29.92/60 deg F dry
 Correct for Eng Inertia Effects: Yes

Test Vehicle Summary:

Description -1
 Drive Tire Radius
 Trans. Gear Ratio