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5240 Hummer Lake Road, Oxford MI 48371



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Customer Information

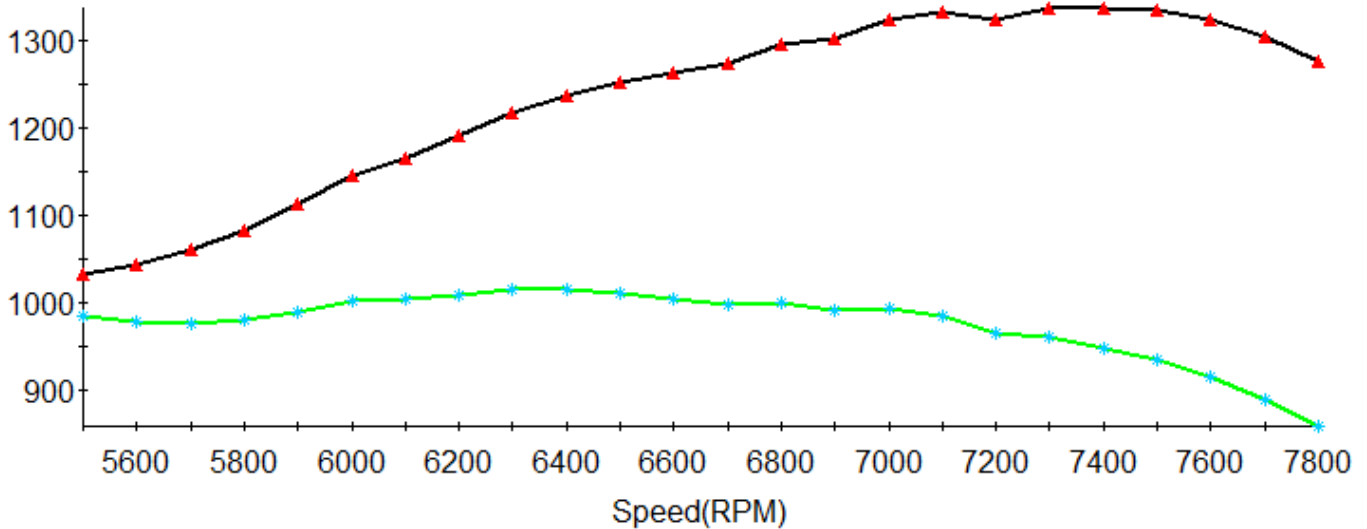
Customer: LLRE **Test Date:** 5/23/08 **Engine:** 632cid
Address: 5240 Hummer Lake Road **City/State:** Oxford/Michigan **Zip:** 48371
Wk Phone: 248.236.8378 **Hm Phone:** **Cell Phone:**

Engine specifications

Brand: Chevy **C.I.D.:** 632 **Carburator:** Twin 1150 QFX dominators
Fuel: VP Q16 **Compression:** 16.0:1 **Intake:** CFE Tunnel Ram
Head Type: Dart Big Chief **Camshaft:** Comp Cam 114/116 **Timing:** 28 deg

Notes:

Corrected Performance Graph



—▲— CorrHP(Hp) 3/28/2010 Sweep 150 *** —*— CorrTorq(ft-lbs) 3/28/2010 Sweep 150 ***

Peaks

Peak CorrHP (3/28/2010 Sweep 150 ***) **1338** **Speed at peak CorrHP** (3/28/2010 Sweep 150 ***) 7300 **Peak CorrTorq** (3/28/2010 Sweep 150 ***) **1016** **Speed at peak CorrTorq** (3/28/2010 Sweep 150 ***) 6400

Averages

Average Acceleration (3/28/2010 Sweep 150 ***) 604 **Average CorrHP** (3/28/2010 Sweep 150 ***) 1233 **Average CorrTorq** (3/28/2010 Sweep 150 ***) 976

Performance SpreadSheet

Speed (RPM)	CorrTorq (ft-lbs)	CorrHP (Hp)
	3/28/2010 Sweep 150 ***	3/28/2010 Sweep 150 ***
5500	986	1033
5600	979	1043
5700	977	1061
5800	981	1083
5900	991	1113
6000	1003	1146
6100	1005	1167
6200	1010	1192
6300	1016	1219
6400	1016	1239
6500	1012	1253
6600	1006	1265
6700	999	1274
6800	1002	1297
6900	991	1302
7000	994	1324
7100	986	1334
7200	965	1323
7300	962	1338
7400	949	1337
7500	936	1336
7600	915	1325
7700	891	1306
7800	860	1277

Fuel Table

**Average FuelFlow
(3/28/2010 Sweep
150 ***)**

86

**Peak FuelFlow
(3/28/2010 Sweep
150 ***)**

101

**Average BSFC
(3/28/2010 Sweep
150 ***)**

0.452

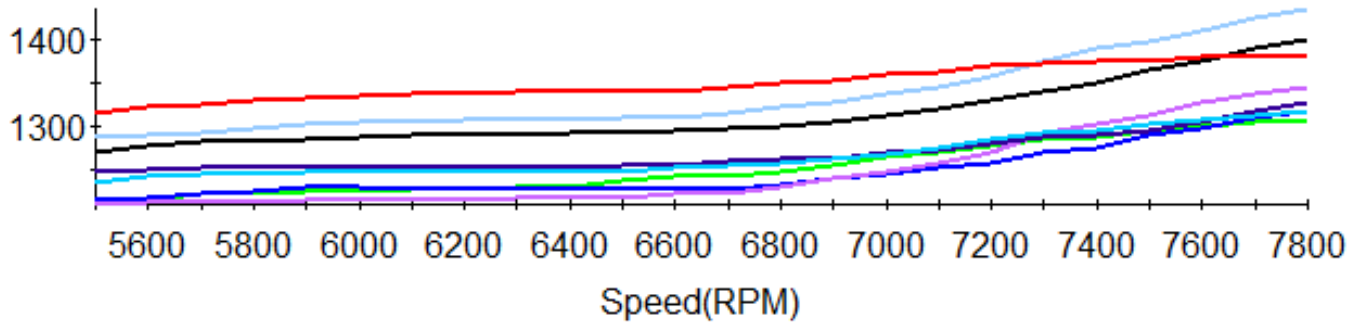
**Peak BSFC
(3/28/2010
Sweep 150 ***)**

0.510

Fuel SpreadSheet

Speed (RPM)	Fuel Press 2 (PSI)	FuelFlow (gal/hr)	FuelMassFlow (lbs/hour)	BSFC (lbs/Hp-hr)
	3/28/2010 Sweep 150 ***	3/28/2010 Sweep 150 ***	3/28/2010 Sweep 150 ***	3/28/2010 Sweep 150 ***
5500	6.2	79	473	0.494
5600	6.2	76	454	0.469
5700	6.2	76	456	0.464
5800	6.2	78	466	0.464
5900	6.2	77	462	0.448
6000	6.2	79	469	0.441
6100	6.2	84	503	0.465
6200	6.2	82	488	0.441
6300	6.2	87	520	0.460
6400	6.2	80	480	0.418
6500	6.2	77	458	0.394
6600	6.2	75	450	0.384
6700	6.2	77	462	0.391
6800	6.2	94	559	0.465
6900	6.2	79	469	0.388
7000	6.2	93	553	0.450
7100	6.2	96	574	0.464
7200	6.2	96	574	0.468
7300	6.2	95	570	0.460
7400	6.2	98	588	0.474
7500	6.2	101	604	0.487
7600	6.2	96	572	0.466
7700	6.2	98	586	0.484
7800	6.2	101	604	0.510

Exhaust Temps Graph



Exhaust Temps SpreadSheet

Speed(RPM)	EGTemp 1(°F)	2(°F)	3(°F)	4(°F)	5(°F)	6(°F)	7(°F)	8(°F)
5500	1235	1271	1211	1213	1209	1247	1286	1316
5600	1241	1279	1216	1217	1211	1250	1290	1322
5700	1244	1282	1222	1221	1212	1253	1294	1327
5800	1245	1282	1223	1225	1213	1253	1298	1331
5900	1247	1286	1226	1229	1213	1253	1304	1333
6000	1248	1287	1226	1229	1213	1253	1304	1336
6100	1249	1289	1227	1228	1215	1253	1306	1337
6200	1248	1290	1227	1228	1215	1253	1307	1338
6300	1247	1290	1230	1227	1216	1253	1308	1340
6400	1248	1292	1230	1227	1216	1253	1308	1340
6500	1248	1292	1236	1226	1217	1256	1311	1342
6600	1252	1295	1241	1228	1223	1256	1311	1342
6700	1254	1297	1241	1228	1223	1259	1317	1346
6800	1257	1300	1248	1233	1230	1261	1323	1350
6900	1263	1306	1256	1239	1239	1263	1327	1353
7000	1268	1313	1264	1245	1248	1269	1338	1361
7100	1275	1321	1270	1252	1257	1274	1346	1364
7200	1286	1332	1277	1257	1270	1280	1359	1371
7300	1294	1342	1285	1269	1292	1286	1376	1374
7400	1296	1350	1288	1275	1304	1291	1391	1376
7500	1302	1366	1296	1290	1314	1296	1399	1377
7600	1309	1375	1301	1299	1328	1306	1412	1382
7700	1313	1392	1306	1310	1339	1319	1426	1382
7800	1318	1401	1309	1317	1346	1328	1437	1381

Oil SpreadSheet

Speed (RPM)	Eng. Oil P 1 (PSI)	Oil temp 1 (°F)
	3/28/2010 Sweep 150 ***	3/28/2010 Sweep 150 ***
5500	72	NA
5600	72	NA
5700	72	NA
5800	73	NA
5900	73	NA
6000	73	NA
6100	73	NA
6200	74	NA
6300	74	NA
6400	75	NA
6500	75	NA
6600	75	NA
6700	76	NA
6800	76	NA
6900	77	NA
7000	77	NA
7100	77	NA
7200	78	NA
7300	77	NA
7400	77	NA
7500	77	NA
7600	77	NA
7700	76	NA
7800	76	NA