

The Slot Machine ~ Dyno Test Results

Time Based Data Results

ID: KD motor test 4 - kd drops applied, then one drop of lighter fluid

For: Ian Hill

Print Date: Jan. 11, 2008 at 10:00 PM.

The following data is representative of 16.0 volt operation.

INPUT	TIME	RPM	TORQUE	WATTS	AMPS	EFFCY
37	3.70	108449	38.7	43.16	43.2	6.3%
38	3.80	108816	36.0	40.29	43.2	5.8%
39	3.90	109157	33.5	37.61	43.2	5.4%
40	4.00	109474	31.2	35.11	43.2	5.1%
41	4.10	109770	29.0	32.74	43.3	4.7%
42	4.20	110045	27.0	30.47	43.6	4.4%
43	4.30	110300	25.0	28.30	43.6	4.1%
44	4.40	110536	23.1	26.18	43.7	3.7%
45	4.50	110754	21.2	24.11	44.0	3.4%
46	4.60	110955	19.4	22.07	44.0	3.1%
47	4.70	111138	17.6	20.06	44.4	2.8%
48	4.80	111304	15.8	18.07	44.2	2.6%
49	4.90	111454	14.1	16.11	43.9	2.3%
50	5.00	111587	12.4	14.17	43.6	2.0%
51	5.10	111704	10.7	12.27	43.4	1.8%
52	5.20	111805	9.1	10.42	42.7	1.5%
53	5.30	111891	7.5	8.63	42.6	1.3%
54	5.40	111962	6.0	6.94	42.7	1.0%
55	5.50	112019	4.7	5.37	42.7	.8%
56	5.60	112063	3.4	3.94	42.9	.6%
57	5.70	112095	2.3	2.70	43.3	.4%
58	5.80	112118	1.5	1.69	43.4	.2%
59	5.90	112131	.8	.94	43.2	.1%
60	6.00	112139	.4	.51	43.2	.1%
61	6.10	112143	.4	.46	43.2	.1%
62	6.20	112147	.7	.83	43.2	.1%
63	6.30	112154	1.5	1.69	43.0	.2%
64	6.40	112168	2.7	3.11	42.9	.5%
65	6.50	112193	4.5	5.16	42.5	.8%
66	6.60	112236	6.9	7.91	42.3	1.2%
67	6.70	112301	9.9	11.45	42.3	1.7%
68	6.80	112394	13.7	15.86	42.3	2.3%
69	6.90	112524	18.4	21.25	42.3	3.1%
70	7.00	112698				