

Spears
Racing

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Manteca, Ca.

"Builds Engines That Win Championships"

Kawasaki Ninja 400 Dyno Runs by Numbers

Spears Enterprises/Spears Racing

Run Name: C:\DynoRuns\Kawasaki\EX400\Spears Stacks\RunFile_066.drf

Run Title:

Run Notes:: All Stock/Stacks/MWR filter/Spark Exhaust/Modified Air Box

Run Date: 7/2/2020 10:38:43 AM

RunFile_066.drf: 92.23 °F 30.09 in-Hg Humidity: 15 % SAE: 0.99 Average Gear Ratio: 129.24

s	RPM x1000	hp	ft-lbs
0.19	4.75	N/A	N/A
0.43	5.00	22.85	24.01
0.65	5.25	24.52	24.53
0.88	5.50	26.05	24.87
1.10	5.75	27.25	24.89
1.32	6.00	29.59	25.90
1.53	6.25	30.92	25.99
1.75	6.50	32.00	25.86
1.97	6.75	33.14	25.79
2.18	7.00	34.98	26.25
2.38	7.25	37.73	27.33
2.58	7.50	39.12	27.40
2.79	7.75	40.68	27.57
2.99	8.00	42.09	27.63
3.19	8.25	43.64	27.78
3.39	8.50	45.01	27.81
3.59	8.75	46.28	27.78
3.79	9.00	47.43	27.68
4.00	9.25	48.08	27.30
4.21	9.50	49.10	27.15
4.42	9.75	50.12	27.01
4.63	10.00	50.65	26.60
4.85	10.25	51.38	26.29
5.07	10.50	51.84	25.79
5.28	10.75	51.86	25.29
5.53	11.00	52.16	27.84
5.77	11.25	51.22	23.90
6.03	11.50	50.03	22.86
6.31	11.75	48.51	21.68
6.59	12.00	47.35	20.73

MAX: 6.59 12.00 52.16 27.84

MIN: 0.19 4.75 22.85 20.73

Dynojet Research Inc.

Run Name: C:\DynoRuns\Kawasaki\EX400\Spears Stacks\RunFile_003.drf

Run Title:

Run Notes: All Stock/MWR filter/Spark Exhaust

Run Date: 6/29/2019 4:14:06 PM

RunFile_003.drf: 78.21 °F 30.37 in-Hg Humidity: 12 % SAE: 0.96 Average Gear Ratio: 133.01

s	RPM	x1000 hp	ft-lbs
0.35	4.75	16.73	18.50
0.60	5.00	19.99	21.00
0.83	5.25	21.95	21.95
1.06	5.50	23.32	22.27
1.29	5.75	25.27	23.08
1.50	6.00	27.27	23.87
1.73	6.25	27.03	22.72
1.96	6.50	27.62	22.32
2.17	6.75	30.19	23.49
2.39	7.00	32.08	24.06
2.60	7.25	33.65	24.37
2.82	7.50	34.24	23.98
3.03	7.75	35.34	23.94
3.23	8.00	38.61	25.35
3.43	8.25	40.41	25.72
3.63	8.50	41.06	25.37
3.84	8.75	42.00	25.21
4.04	9.00	43.62	25.46
4.24	9.25	44.41	25.22
4.45	9.50	45.49	25.15
4.66	9.75	45.86	24.70
4.88	10.00	45.91	24.11
5.11	10.25	45.63	23.38
5.34	10.50	45.21	22.61
5.58	10.75	44.82	21.90
5.84	11.00	44.39	21.20
6.09	11.25	44.50	20.78
6.35	11.50	44.55	20.35

MAX: 6.35 11.50 45.91 25.72
MIN: 0.35 4.75 16.73 18.50

Dynojet Research Inc.
Run Name: C:\DynoRuns\Kawasaki\EX400\Spears OEM\RunFile_002.drf
Run Title:
Run Notes: All Stock
Run Date: 6/29/2020 10:38:43 AM

RunFile_002.drf: 60.56 °F 30.32 in-Hg Humidity: 35 % SAE: 0.95 Average Gear Ratio: 129.17

s	RPM	x1000 hp	ft-lbs
0.41	5.00	20.18	21.20
0.66	5.25	21.49	21.50
0.91	5.50	22.44	21.43
1.15	5.75	24.04	21.96
1.39	6.00	25.54	22.36
1.64	6.25	26.23	22.04
1.88	6.50	27.40	22.14
2.11	6.75	29.79	23.18
2.34	7.00	31.33	23.51

2.56	7.25	32.84	23.79
2.78	7.50	33.93	23.76
3.01	7.75	35.29	23.92
3.23	8.00	37.22	24.43
3.45	8.25	38.21	24.33
3.67	8.50	39.27	24.26
3.89	8.75	40.28	24.18
4.12	9.00	41.05	23.96
4.34	9.25	42.26	23.99
4.57	9.50	42.98	23.76
4.81	9.75	43.08	23.21
5.04	10.00	43.71	22.96
5.30	10.25	43.28	22.18
5.55	10.50	42.87	21.44
5.82	10.75	42.61	20.82
6.10	11.00	42.48	20.28
6.38	11.25	42.52	19.85
6.67	11.50	42.42	19.38
6.97	11.75	42.36	18.94
7.28	12.00	42.17	18.46

MAX: 7.28 12.00 43.71 24.43
MIN: 0.41 5.00 20.18 18.46

