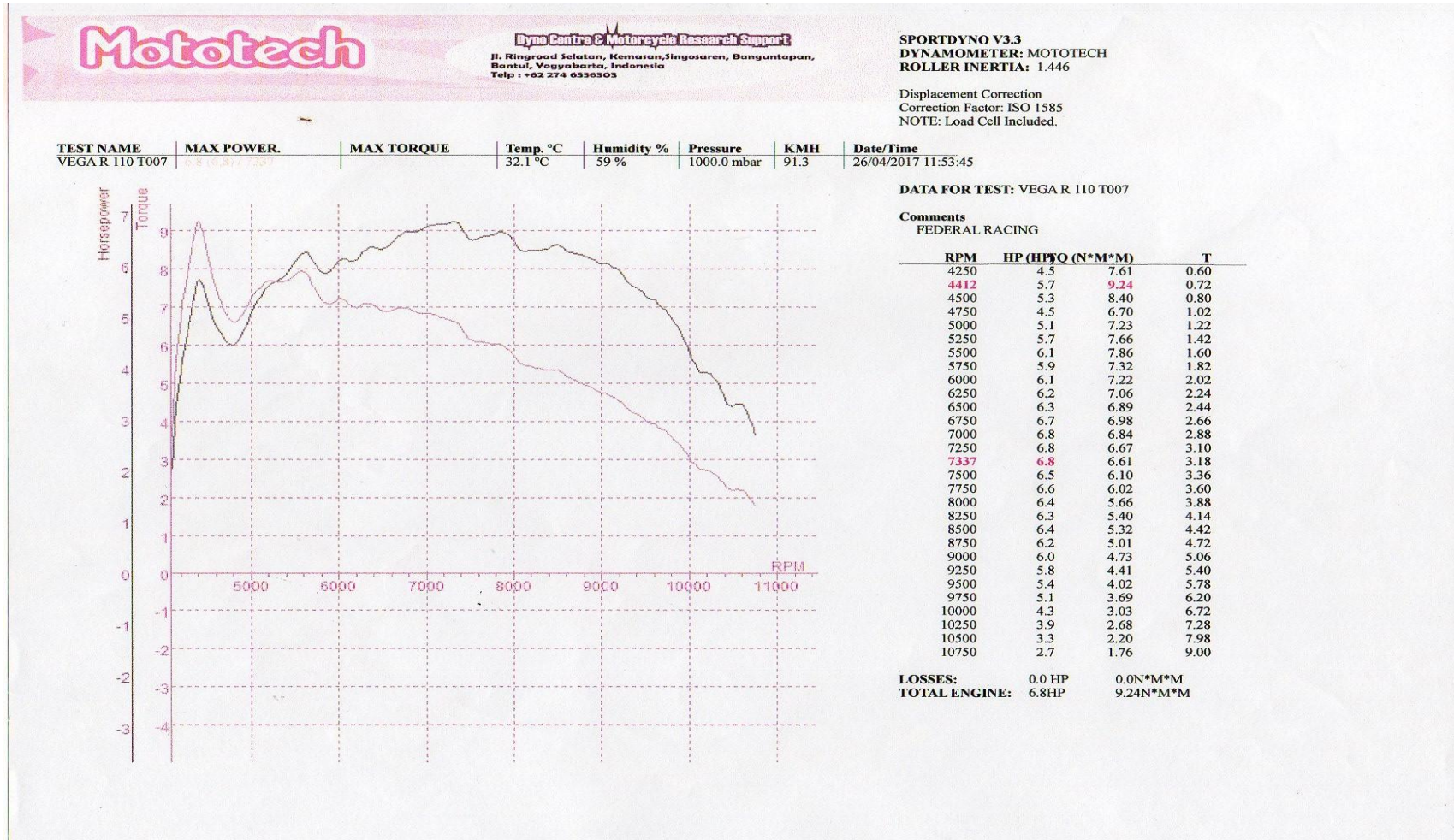


## Lampiran 11. Hasil Pengujian Torsi dan Daya



# Mototech

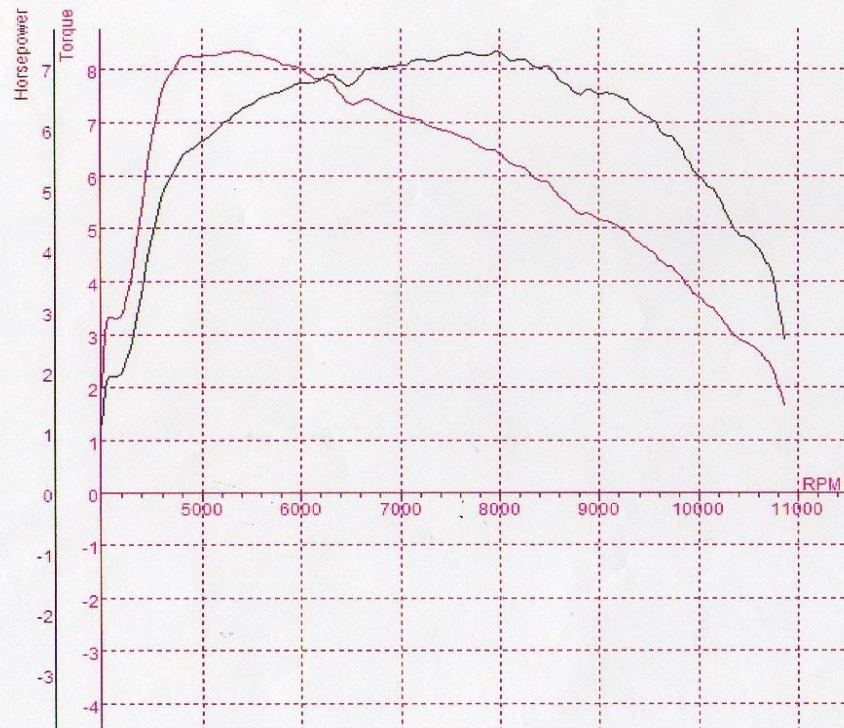
Dyno Centre & Motorcycle Research Support

Jl. Ringroad Selatan, Kemasan, Singosaren, Banguntapan,  
Bantul, Yogyakarta, Indonesia  
Telp : +62 274 6536303

SPORTDYNO V3.3  
DYNAMOMETER: MOTOTECH  
ROLLER INERTIA: 1.446

Displacement Correction  
Correction Factor: ISO 1585  
NOTE: Load Cell Included.

TEST NAME	MAX POWER.	MAX TORQUE	Temp. °C	Humidity %	Pressure	KMH	Date/Time
VEGA R 110 T011	7.3 (7.3) / 7975	8.35 (8.35) / 5377	32.1 °C	59 %	1000.0 mbar	92.1	26/04/2017 11:55:06



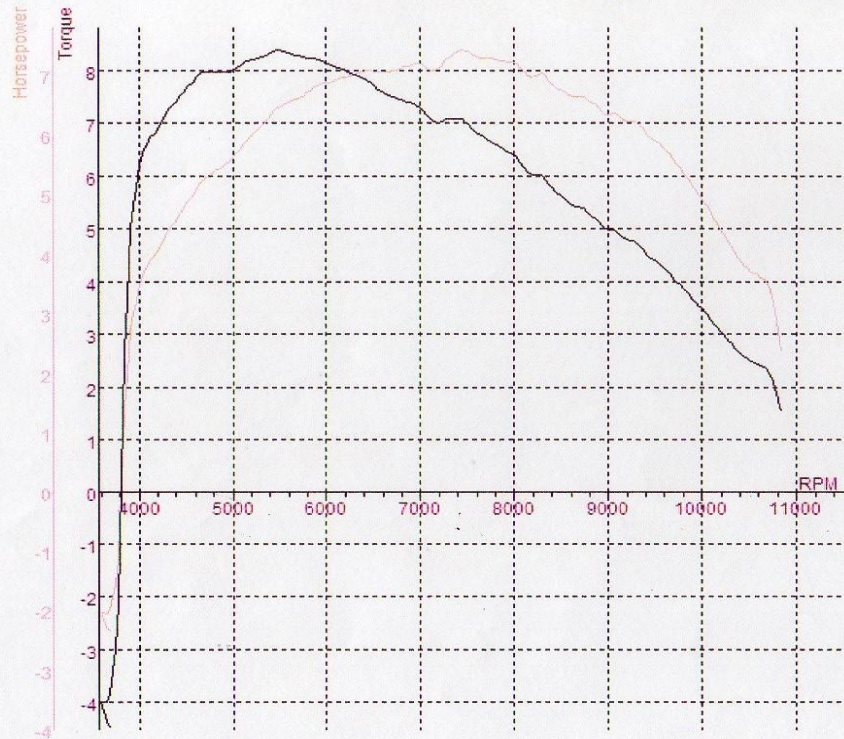
DATA FOR TEST: VEGA R 110 T011

Comments  
FEDERAL RACING

RPM	HP (HP/Q)	N*M*M	T
4000	1.5	2.64	0.54
4250	2.3	3.88	0.90
4500	4.3	6.84	1.08
4750	5.4	8.15	1.26
5000	5.8	8.26	1.44
5250	6.2	8.32	1.62
5377	6.3	8.35	1.70
5500	6.4	8.28	1.80
5750	6.6	8.16	1.98
6000	6.8	8.01	2.16
6250	6.9	7.80	2.36
6500	6.7	7.34	2.56
6750	7.0	7.33	2.78
7000	7.0	7.13	2.98
7250	7.1	6.96	3.20
7500	7.2	6.80	3.42
7750	7.2	6.59	3.64
7975	7.3	6.47	3.84
8000	7.3	6.41	3.88
8250	7.1	6.13	4.12
8500	7.0	5.83	4.38
8750	6.6	5.33	4.66
9000	6.6	5.17	4.94
9250	6.5	4.96	5.26
9500	6.2	4.58	5.60
9750	5.8	4.22	5.98
10000	5.2	3.69	6.38
10250	4.7	3.25	6.86
10500	4.2	2.81	7.40
10750	3.5	2.31	8.12

LOSSES: 0.0 HP 0.0N\*M\*M  
TOTAL ENGINE: 7.3HP 8.35N\*M\*M

TEST NAME	MAX POWER.	MAX TORQUE	Temp. °C	Humidity %	Pressure	KMH	Date/Time
VEGA R 110 T004		8.38 (9.43) / 5490	31.8 °C	59 %	1000.0 mbar	91.9	26/04/2017 11:30:28



**DATA FOR TEST: VEGA R 110 T004**

**Comments**  
 EVALUBE RUNNER

RPM	HP (HP)	T (N*M*M)	T
4250	4.2	7.06	1.28
4500	4.9	7.70	1.48
4750	5.3	7.97	1.66
5000	5.6	8.00	1.84
5250	6.1	8.23	2.02
5490	6.5	8.38	2.18
5500	6.5	8.38	2.20
5750	6.7	8.24	2.38
6000	6.9	8.13	2.56
6250	7.0	7.92	2.76
6500	7.1	7.71	2.94
6750	7.1	7.44	3.16
7000	7.2	7.25	3.36
7250	7.2	7.05	3.56
7438	7.4	7.07	3.72
7500	7.4	6.97	3.78
7750	7.3	6.63	4.02
8000	7.2	6.38	4.24
8250	7.0	6.01	4.50
8500	6.7	5.61	4.76
8750	6.6	5.36	5.04
9000	6.3	4.97	5.34
9250	6.2	4.76	5.66
9500	5.9	4.37	6.02
9750	5.4	3.93	6.42
10000	4.9	3.45	6.86
10250	4.3	2.93	7.38
10500	3.7	2.49	8.00
10750	3.2	2.09	8.82

**LOSSES:** -0.6 HP    -1.1N\*M\*M  
**TOTAL ENGINE:** 8.0HP    9.43N\*M\*M

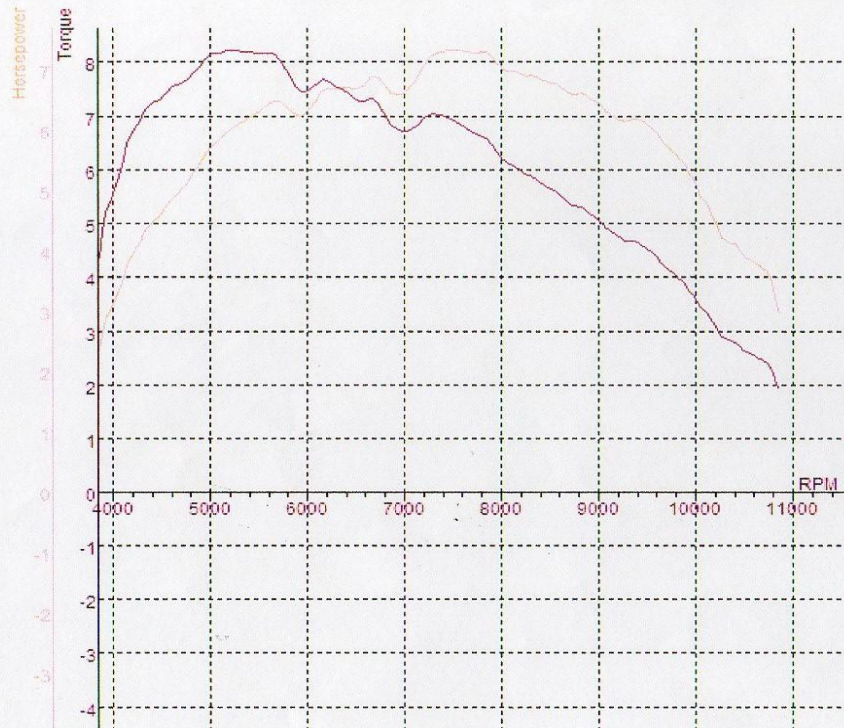
# Mototech

**Dyno Centre & Motorcycle Research Support**  
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 Bantul, Yogyakarta, Indonesia  
 Telp : +62 274 6536303

**SPORTDYNO V3.3**  
**DYNAMOMETER: MOTOTECH**  
**ROLLER INERTIA: 1.446**

Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME	MAX POWER.	MAX TORQUE	Temp. °C	Humidity %	Pressure	KMH	Date/Time
VEGAR 110 T014		8.21 (8.21) / 5220	32.1 °C	57 %	1000.0 mbar	91.8	26/04/2017 12:09:43



**DATA FOR TEST: VEGAR 110 T014**

**Comments**  
 YAMALUBE GOLD

RPM	HP (HP)	TQ (N*M*M)	T
3750	2.5	4.61	0.52
4000	3.1	5.58	0.64
4250	4.1	6.91	0.86
4500	4.6	7.34	1.04
4750	5.2	7.70	1.24
5000	5.7	8.15	1.42
5220	6.0	8.21	1.56
5250	6.1	8.21	1.58
5500	6.3	8.15	1.76
5750	6.4	7.93	1.96
6000	6.3	7.48	2.16
6250	6.7	7.59	2.34
6500	6.7	7.27	2.56
6750	6.8	7.15	2.76
7000	6.6	6.70	2.98
7250	7.2	7.04	3.20
7500	7.3	6.91	3.40
7525	7.3	6.89	3.42
7750	7.3	6.63	3.64
8000	7.0	6.18	3.88
8250	6.9	5.90	4.12
8500	6.8	5.63	4.38
8750	6.6	5.32	4.66
9000	6.4	5.04	4.96
9250	6.1	4.68	5.28
9500	6.1	4.50	5.62
9750	5.6	4.07	5.98
10000	5.0	3.55	6.42
10250	4.3	2.94	6.92
10500	3.9	2.62	7.48
10750	3.6	2.33	8.18

**LOSSES:** 0.0 HP 0.0N\*M\*M  
**TOTAL ENGINE:** 7.3HP 8.21N\*M\*M