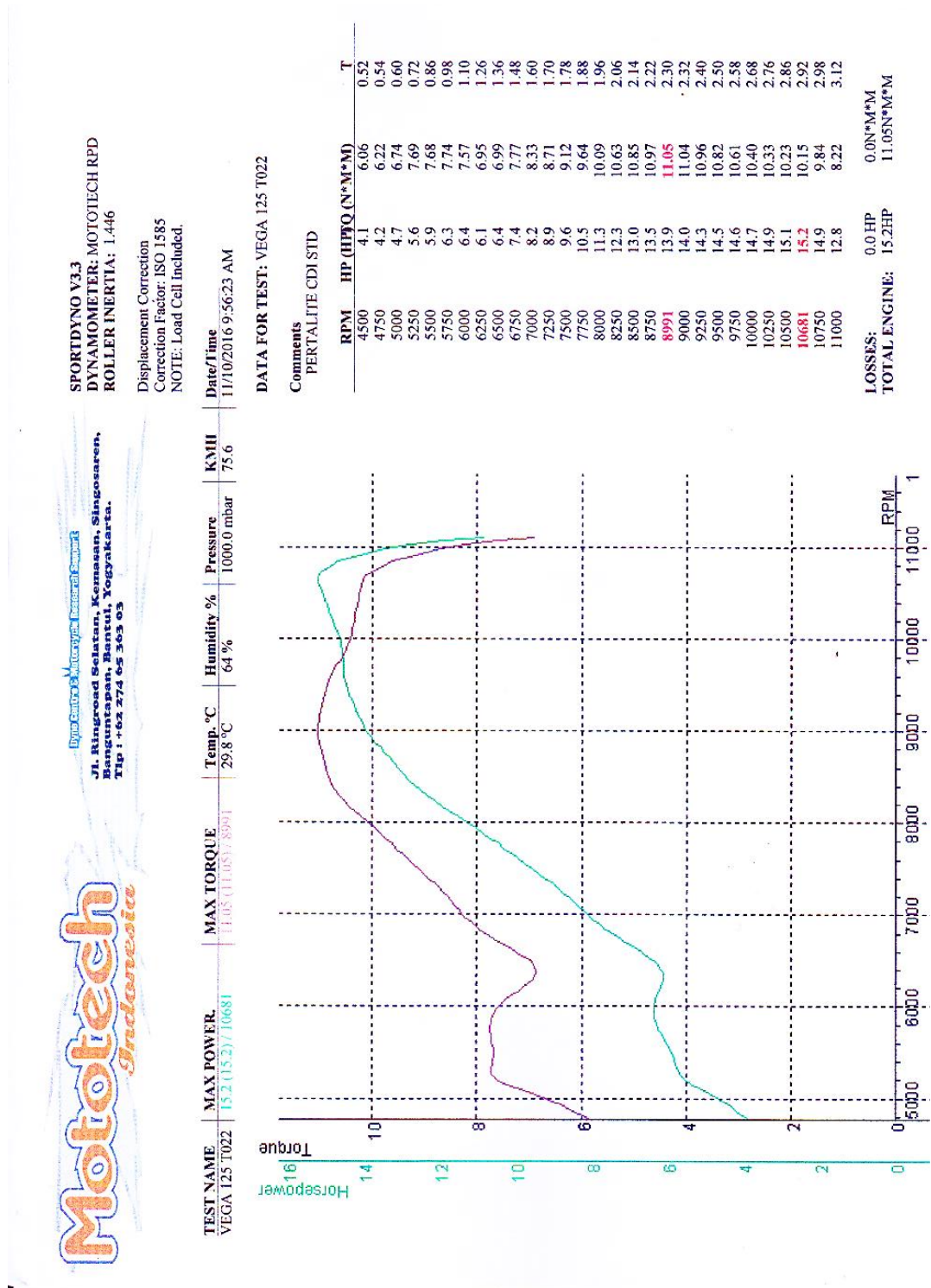


## LAMPIRAN

### Hasil Pengujian Torsi dan Daya

#### 1. Hasil Pengujian Torsi dan Daya Bahan Bakar Pertalite.



A. Gambar Hasil pengujian torsi dan daya motor *bore-up* menggunakan CDI STD.

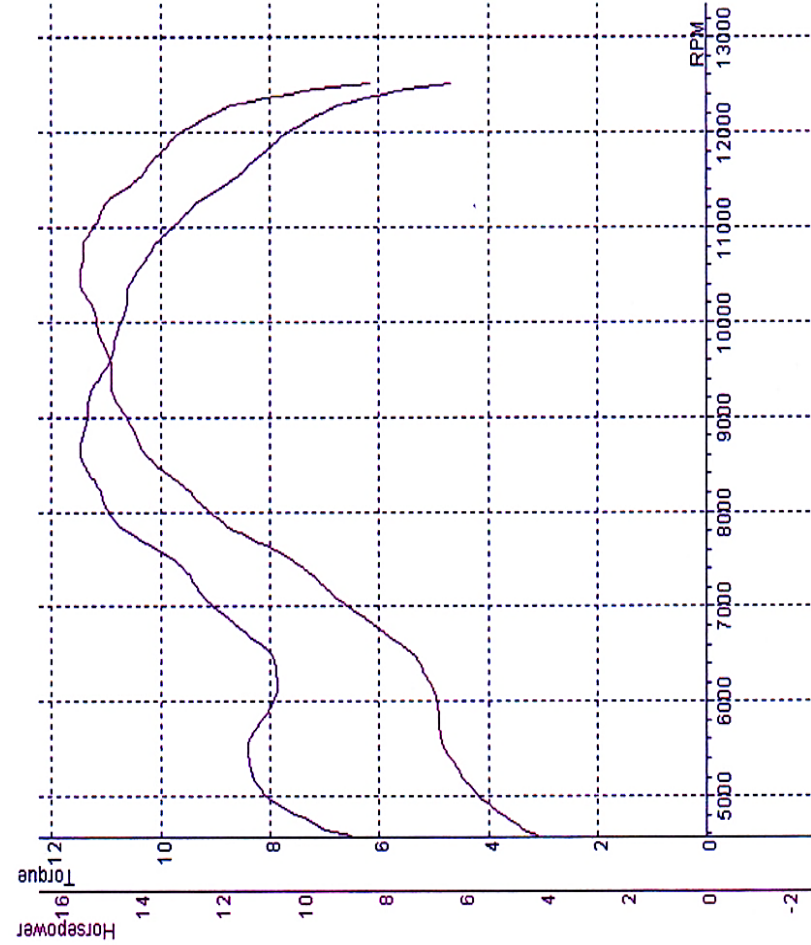


Dipinjam dari Mototech Indonesia  
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SPORTDYNO V3.3  
 DYNAMOMETER: MOTOTECH RPD  
 ROLLER INERTIA: 1.446

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

TEST NAME | MAX POWER | MAX TORQUE | Temp. °C | Humidity % | Pressure | KMH  
 VEGA 125 T024 | 15.5 (15.5) / 10436 | 11.48 (11.48) / 8649 | 30.3 °C | 60 % | 1000.0 mbar | 88.1



DATA FOR TEST: VEGA 125 T024

Comments  
 CIDI REXTOR PENTALITE

RPM	HP (HP) (N*M*M)	T
4250	4.4	6.79
4500	4.5	6.98
4750	4.9	7.39
5000	5.7	8.10
5250	6.1	8.34
5500	6.5	8.41
5750	6.6	8.15
6000	6.7	7.91
6250	6.9	7.88
6500	7.3	7.99
6750	8.1	8.56
7000	8.9	9.07
7250	9.5	9.39
7500	10.4	9.86
7750	11.4	10.50
8000	12.4	10.99
8250	12.9	11.15
8500	13.7	11.45
8649	13.9	11.48
8750	14.1	11.45
9000	14.4	11.33
9250	14.7	11.29
9500	14.7	10.99
9750	14.9	10.85
10000	15.1	10.69
10250	15.4	10.61
10436	15.5	10.54
10500	15.4	10.42
10750	15.4	10.14
11000	15.1	9.76
11250	14.8	9.33
11500	13.9	8.56
11750	13.5	8.14
12000	12.9	7.64
12250	11.7	6.75
12500	8.3	4.67

LOSSES: 0.0 HP  
 TOTAL ENGINE: 15.5HP  
 0.0N\*M\*M  
 11.48N\*M\*M

B. Gambar Hasil pengujian torsi dan daya motor bore-up menggunakan CDI Racing REXTOR

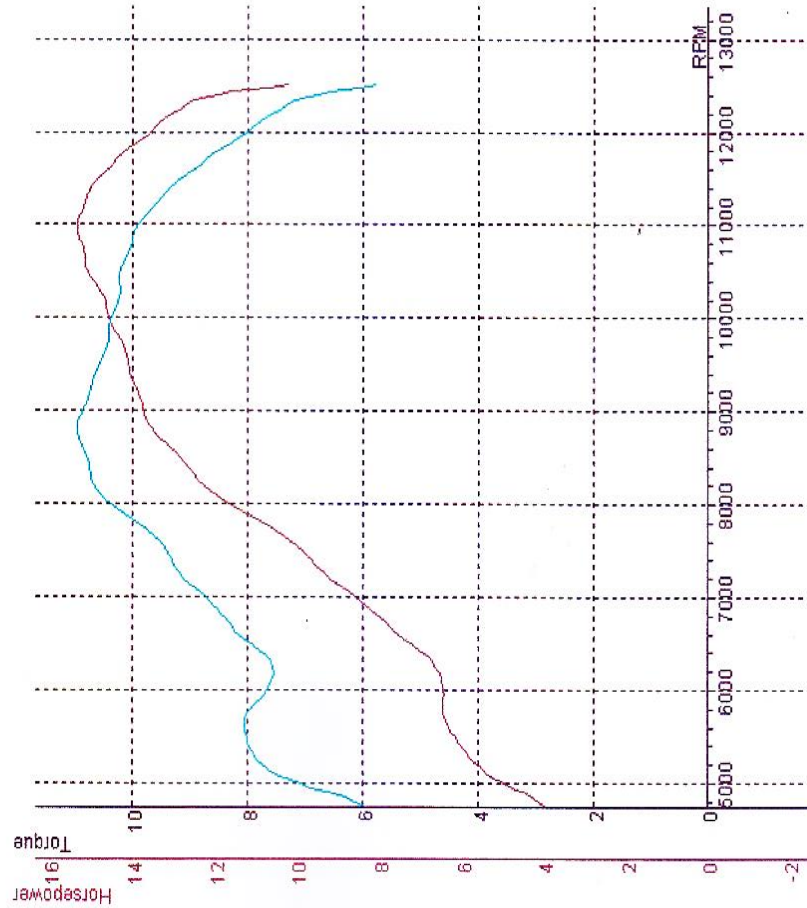


Dina Citra's Motorcycle Research Studio  
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 Jakarta Barat, Yogyakarta.  
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SPORTDYNO V3.3  
 DYNAMOMETER: MOTOTECH RPD  
 ROLLER INERTIA: 1.446

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

TEST NAME: VEGA 125 T017  
 MAX POWER: 15.3 (US.3) / 11014  
 MAX TORQUE: 10.96 (10.96) / 8814  
 Temp. °C: 29.4 °C  
 Humidity %: 64 %  
 Pressure: 1000.0 mbar  
 KMH: 87.3  
 Date/Time: 11/16/2016 11:04:54 AM



DATA FOR TEST: VEGA 125 T017

Comments  
 CDI REXTOR PERTALITE

RPM	HP (HP)*M	T
4500	4.1	6.13
4750	4.2	6.29
5000	4.9	7.08
5250	5.8	7.86
5500	6.2	8.03
5750	6.4	7.99
6000	6.4	7.63
6250	6.7	7.58
6500	7.3	7.99
6750	8.0	8.38
7000	8.6	8.74
7250	9.3	9.17
7500	9.9	9.40
7750	10.7	9.87
8000	11.6	10.37
8250	12.4	10.71
8500	13.0	10.81
8750	13.5	10.95
8814	13.5	10.96
9000	13.7	10.84
9250	14.0	10.70
9500	14.1	10.57
9750	14.3	10.42
10000	14.6	10.37
10250	14.7	10.21
10500	15.1	10.21
10750	15.2	10.03
11000	15.3	9.90
11014	15.3	9.90
11250	15.1	9.51
11500	14.8	9.15
11750	14.2	8.56
12000	13.5	7.98
12250	12.8	7.42
12500	10.2	5.75

LOSSES: 0.0 HP  
 TOTAL ENGINE: 15.3 HP  
 0.0N\*M\*M  
 10.96N\*M\*M

C. Gambar Hasil pengujian torsi dan daya motor bore-up menggunakan CDI Racing REXTOR

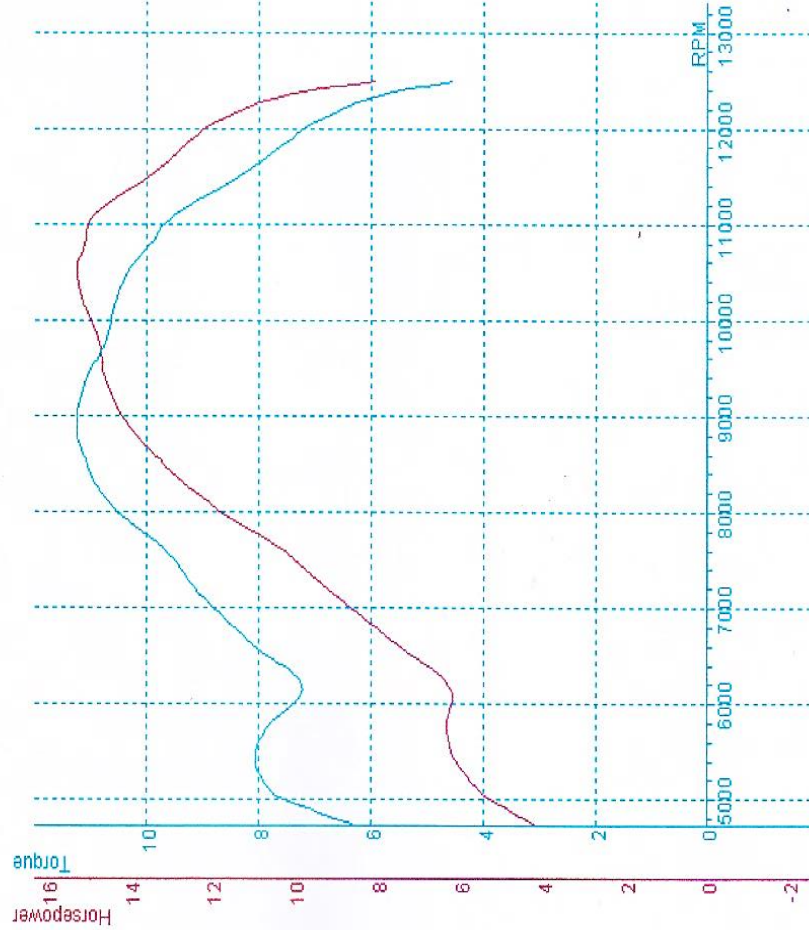


Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell included.

TEST NAME | MAX POWER | MAX TORQUE | Temp. °C | Humidity % | Pressure | KMH  
 VEGA 125 T017 | 15.3 (15.3) / 10491 | 11.26 (11.26) / 8945 | 29.3 °C | 69 % | 1000.0 mbar | 86.3

Date/Time  
 11/10/2016 9:51:21 AM

DATA FOR TEST: VEGA 125 T017



Comments  
 PERTALITE CDI BRT 24 STEP

RPM	HP (HP/Q) (N*M*M)	T
4250	4.4	6.54
4500	4.5	6.73
4750	4.7	6.92
5000	5.4	7.63
5250	5.9	7.99
5500	6.2	8.05
5750	6.3	7.82
6000	6.2	7.31
6250	6.4	7.31
6500	7.3	7.94
6750	8.0	8.39
7000	8.6	8.81
7250	9.4	9.21
7500	10.0	9.54
7750	11.0	10.08
8000	11.9	10.57
8250	12.6	10.89
8500	13.3	11.10
8750	13.8	11.23
8945	14.1	11.26
9000	14.3	11.24
9250	14.5	11.14
9500	14.7	10.94
9750	14.7	10.75
10000	15.0	10.63
10250	15.2	10.50
10491	15.3	10.36
10500	15.3	10.31
10750	15.1	9.95
11000	15.0	9.67
11250	14.4	9.04
11500	13.5	8.34
11750	12.8	7.72
12000	12.2	7.18
12250	10.9	6.26

LOSSES: 0.0N\*M\*M  
 TOTAL ENGINE: 15.3HP  
 11.26N\*M\*M

D. Gambar Hasil pengujian torsi dan daya motor *bore-up* menggunakan CDI BRT I-MAX 24 STEP

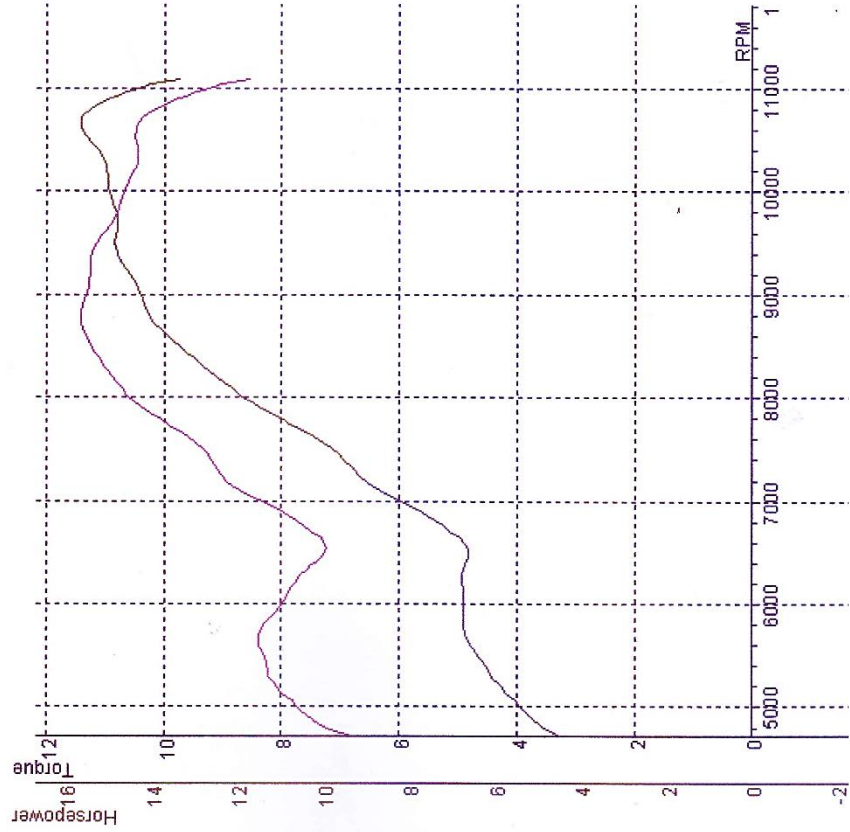


Jl. Ringroad Selatan, Kemasan, Singosaren,  
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 Telp : +62 274 65 363 05

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

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

TEST NAME	MAX POWER	Temp. °C	Humidity %	Pressure	KMH
VEGA 125 T067	15.7 (15.7) / 10683	32.3 °C	47 %	1000.0 mbar	76.8
	MAX TORQUE				
	11.42 (11.42) / 8784				



DATA FOR TEST: VEGA 125 T067

Comments  
CDI STD PREMIUM

RPM	HP (HP)	HP (N*M*M)	T
4250	4.7	7.07	0.52
4500	4.8	7.24	0.54
4750	5.0	7.38	0.56
5000	5.4	7.73	0.64
5250	6.0	8.18	0.76
5500	6.4	8.32	0.88
5750	6.7	8.33	1.00
6000	6.7	7.98	1.12
6250	6.8	7.69	1.26
6500	6.6	7.26	1.38
6750	7.2	7.63	1.50
7000	8.2	8.39	1.60
7250	9.3	9.07	1.72
7500	9.8	9.34	1.80
7750	11.0	10.07	1.90
8000	11.9	10.63	1.98
8250	12.7	10.95	2.06
8500	13.5	11.28	2.16
8750	14.1	11.42	2.24
8784	14.1	11.42	2.24
9000	14.3	11.31	2.32
9250	14.7	11.26	2.42
9500	14.9	11.13	2.50
9750	14.8	10.79	2.60
10000	15.0	10.64	2.70
10250	15.1	10.45	2.78
10500	15.5	10.49	2.88
10683	15.7	10.43	2.94
10750	15.6	10.28	2.98
11000	14.0	9.03	3.12

LOSSES: 0.0 HP  
 TOTAL ENGINE: 15.7HP  
 0.0N\*M\*M  
 11.42N\*M\*M

E. Gambar Hasil pengujian torsi dan daya motor *bore-up* menggunakan CDI STD.



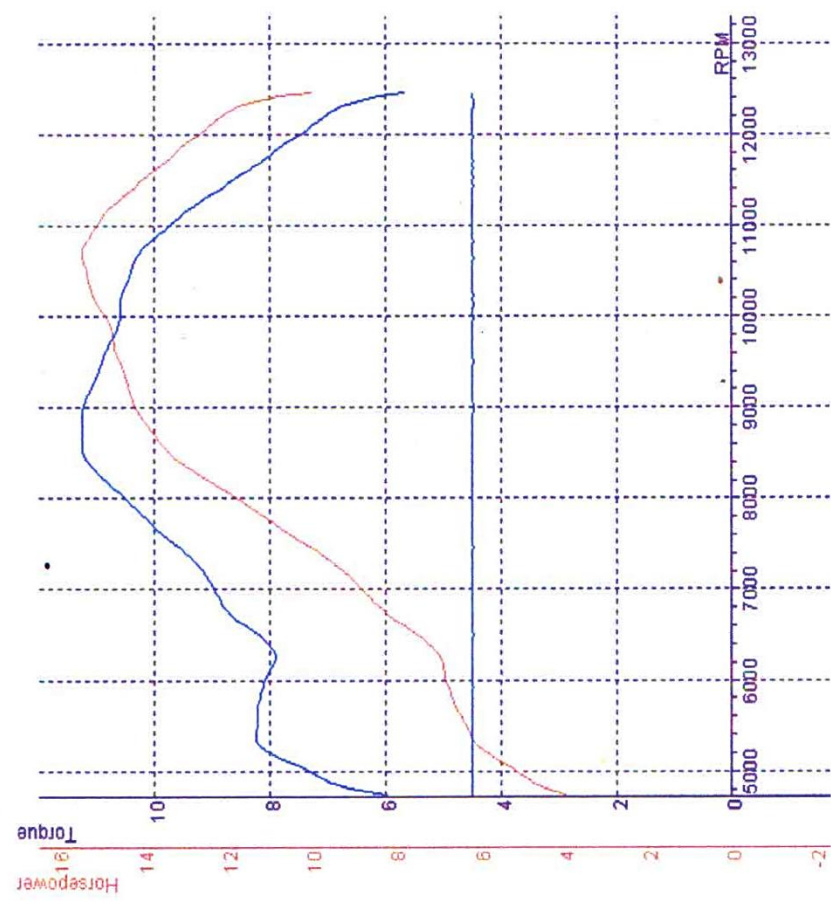
Dipinjam dari *Indonesian Business Journal*  
 Jl. Ringroad Selatan, Kemasan, Singosaren,  
 Banguntapan, Bantul, Yogyakarta.  
 Telp : +62 274 66 363 03

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

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

TEST NAME: VEGA 125 T040  
 MAX POWER: 15.4 (11.25) / 10684  
 MAX TORQUE: 11.25 (11.25) / 8638  
 Temp. °C: 29.1 °C  
 Humidity %: 74 %  
 Pressure: 1000.0 mbar  
 KMH: 86.9

Date/Time: 11/10/2016 10:20:50 AM  
 DATA FOR TEST: VEGA 125 T040



Comments  
 CDI REXTOR PREMIUM

RPM	HP (HPQ(N*M*M))	T
4500	4.2	6.33
4750	4.4	6.61
5000	5.2	7.39
5250	6.0	8.16
5500	6.3	8.21
5750	6.6	8.19
6000	6.8	8.05
6250	6.9	7.90
6500	7.5	8.19
6750	8.3	8.75
7000	8.8	8.96
7250	9.4	9.22
7500	10.2	9.67
7750	11.1	10.15
8000	11.8	10.50
8250	12.8	11.01
8500	13.4	11.24
8638	13.6	11.25
8750	13.8	11.25
9000	14.2	11.22
9250	14.4	11.02
9500	14.5	10.89
9750	14.7	10.72
10000	14.9	10.58
10250	15.2	10.53
10500	15.4	10.37
10684	15.4	10.27
10750	15.4	10.15
11000	15.1	9.72
11250	14.6	9.20
11500	14.0	8.62
11750	13.3	7.98
12000	12.6	7.42
12250	11.8	6.82

LOSSES: 0.0 HP  
 TOTAL ENGINE: 15.4 HP  
 0.0N\*M\*M  
 11.25N\*M\*M

F. Gambar Hasil pengujian torsi dan daya motor *bore-up* menggunakan CDI REXTOR



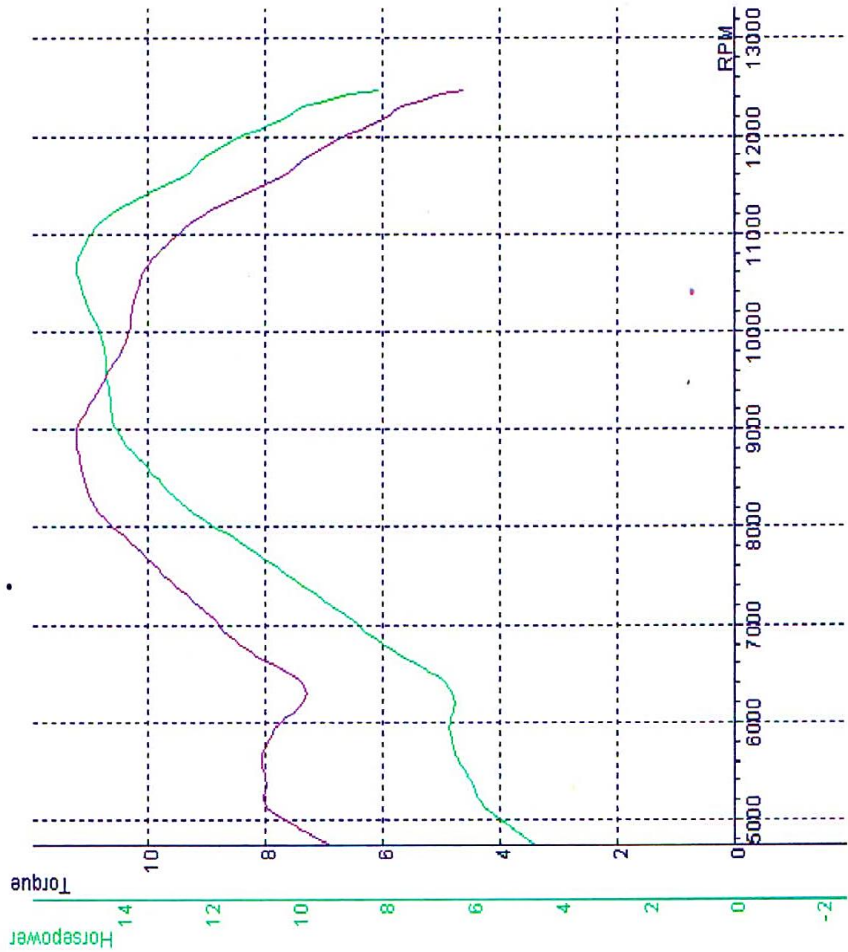


SPORTDYNO V3.3  
 DYNAMOMETER: MOTOTECH RPD  
 ROLLER INERTIA: 1.446

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

TEST NAME VEGA 125 T030  
 MAX POWER 15.0 (15.0) / 10659  
 MAX TORQUE 11.21 (11.21) / 8894  
 Temp. °C 30.4 °C  
 Humidity % 61 %  
 Pressure 1000.0 mbar  
 KMH 86.3  
 Date/Time 11/10/2016 10:08:53 AM

DATA FOR TEST: VEGA 125 T030



Comments  
 PREMIUM CDI BRT

LOSSES: 0.0 HP  
 TOTAL ENGINE: 15.0HP  
 0.0N\*M\*M  
 11.21N\*M\*M

G. Gambar Hasil pengujian torsi dan daya motor bore-up menggunakan CDI BRT I-MAX 24 STEP