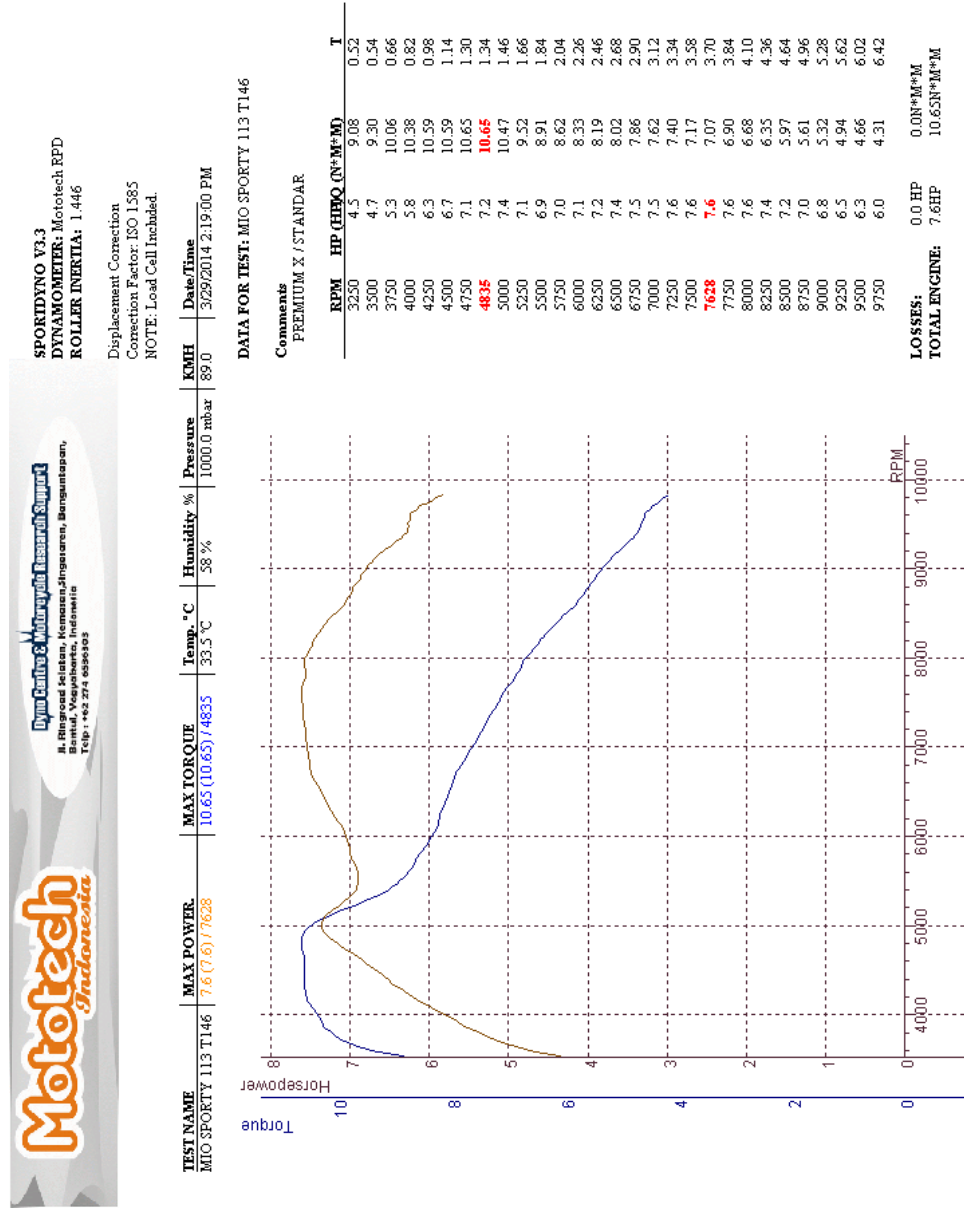


Lampiran 1. Grafik hasil pengujian daya dan torsi CDI standar premium



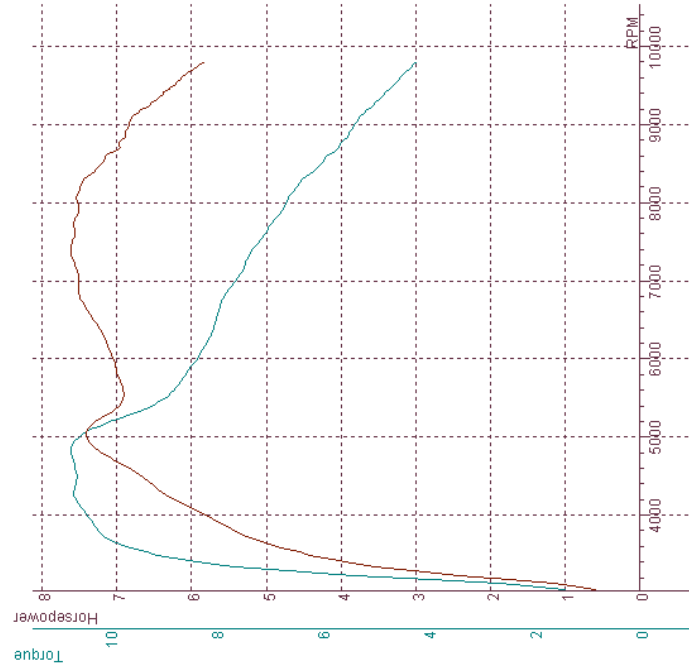
Lampiran 2. Grafik hasil pengujian daya dan torsi CDI standar premium



SPORTDYNO V3.3
DYNAMOMETER: Mototech.RFD
ROLLER INERTIA: 1.446

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

TEST NAME: MIO SPORTY 113 T145 | MAX POWER: 7.6 (7.6) / 7364 | MAX TORQUE: 10.71 (10.71) / 4834 | Temp. °C: 33.5 °C | Humidity %: 58 % | Pressure: 1000.0 mbar | KM/H: 88.9 | Date/Time: 3/29/2014 2:18:33 PM



DATA FOR TEST: MIO SPORTY 113 T145

Comments
PREMIUM X / STANDAR

RPM	HP (HEQ (N*M*MM))	T
3250	2.7	6.02
3500	4.6	9.27
3750	5.3	10.14
4000	5.8	10.42
4250	6.4	10.65
4500	6.7	10.59
4750	7.1	10.70
4834	7.2	10.71
5000	7.4	10.54
5250	7.2	9.76
5500	6.9	8.92
5750	7.0	8.60
6000	7.1	8.31
6250	7.2	8.11
6500	7.3	7.97
6750	7.5	7.84
7000	7.5	7.59
7250	7.6	7.40
7364	7.6	7.33
7500	7.6	7.15
7750	7.6	6.91
8000	7.5	6.65
8250	7.5	6.40
8500	7.2	5.98
8750	7.0	5.62
9000	6.8	5.37
9250	6.6	5.00
9500	6.2	4.61
9750	5.9	4.29

LOSSES: 0.0 HP
TOTAL ENGINE: 7.6HP
0.0N*M*MM
10.71N*M*MM

Lampiran 3. Grafik hasil pengujian daya dan torsi CDI standar premium



SPORTDYNO V3.3
DYNAMOMETER; Mototech EPD
ROLLER INERTIA: 1.446

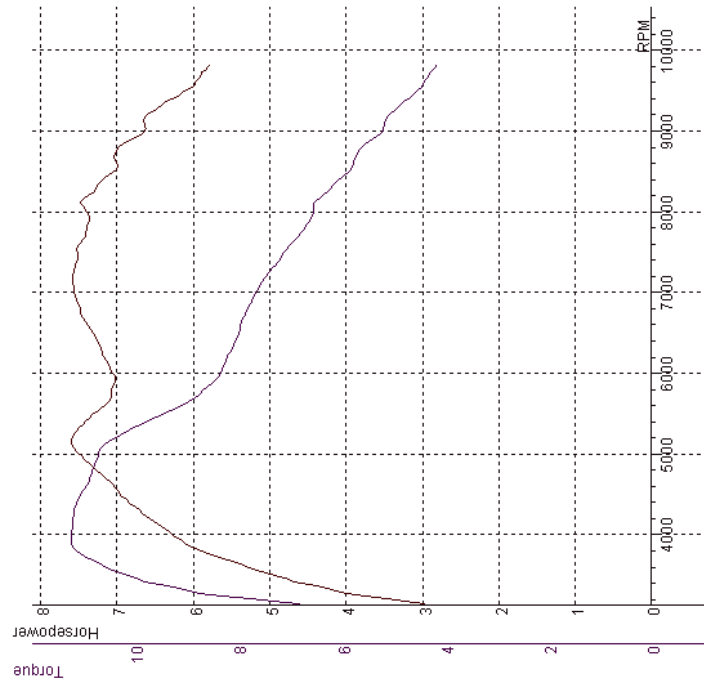
Displacement Correction
 Correction Factor: ISO 1585
 NOTE: Load Cell Included.

KMH | **Date/Time**
 88.1 | 3/29/2014 2:18:06 PM

MAX TORQUE | **Humidity %** | **Pressure**
 11.22 (11.22) / 3937 | 58 % | 1000.0 mbar

TESTNAME | **MAX POWER** | **Temp. °C**
 MIO SPORTY 113 T144 | 7.6 (7.6) / 5158 | 33.5 °C

DATA FOR TEST: MIO SPORTY 113 T144

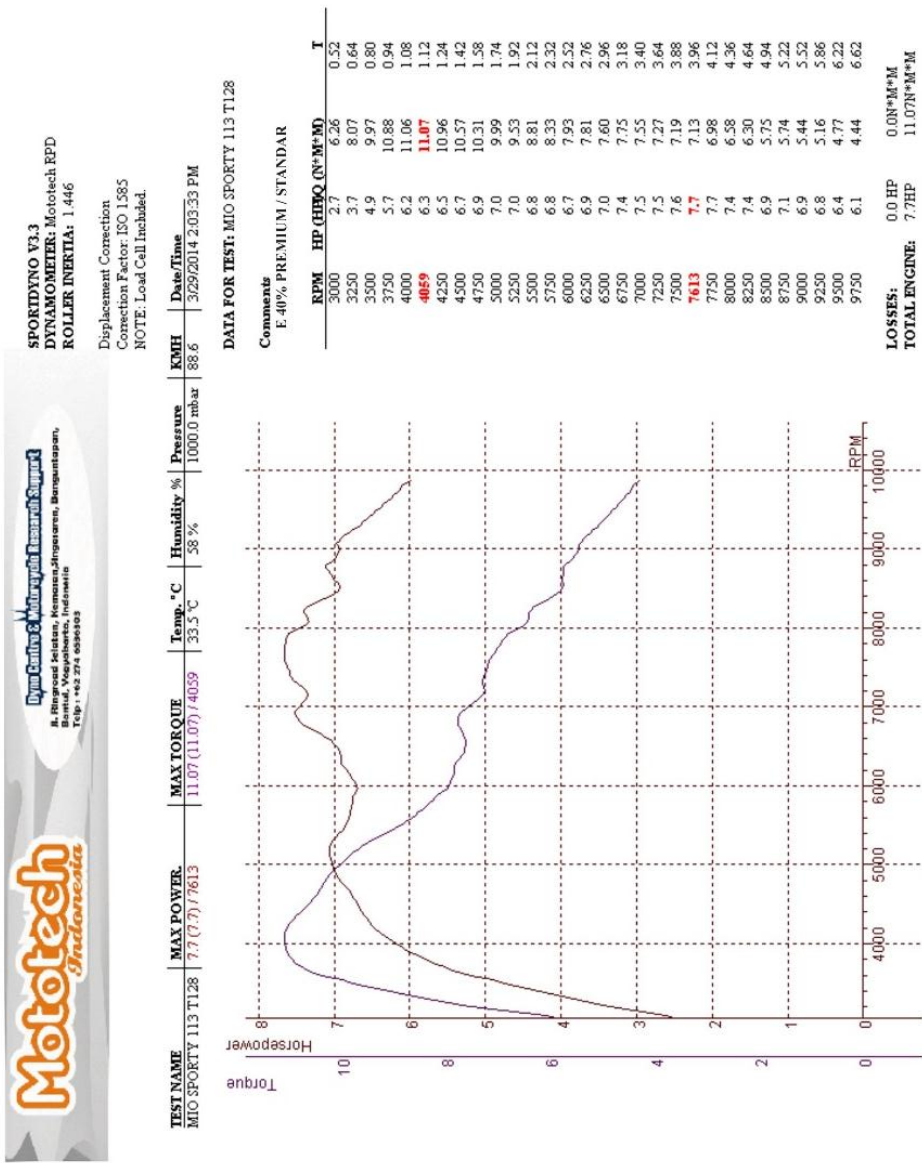


Comments
 PREMIUM X / STANDAR

RPM	HP (HP)	(N*M*M)	T
3000	3.2	7.31	0.52
3250	3.9	8.55	0.58
3500	5.0	10.27	0.74
3750	5.8	11.05	0.88
3937	6.2	11.22	0.98
4000	6.3	11.21	1.04
4250	6.7	11.17	1.18
4500	7.0	11.01	1.34
4750	7.2	10.83	1.48
5000	7.5	10.69	1.64
5158	7.6	10.50	1.74
5250	7.5	10.20	1.82
5500	7.3	9.40	2.00
5750	7.1	8.71	2.20
6000	7.0	8.33	2.40
6250	7.2	8.16	2.60
6500	7.3	7.97	2.82
6750	7.5	7.85	3.02
7000	7.6	7.65	3.24
7250	7.6	7.38	3.48
7500	7.5	7.09	3.72
7750	7.4	6.75	3.96
8000	7.4	6.34	4.22
8250	7.3	6.26	4.48
8500	7.0	5.84	4.78
8750	7.0	5.65	5.08
9000	6.6	5.19	5.40
9250	6.5	4.96	5.74
9500	6.1	4.53	6.12
9750	5.9	4.25	6.52

LOSSES: 0.0HP
TOTAL ENGINE: 7.6HP
 0.0N*M*M
 11.22N*M*M

Lampiran 4. Grafik hasil pengujian daya dan torsi CDI standar premium-ethanol 40%



Lampiran 5. Grafik hasil pengujian daya dan torsi CDI standar premium-ethanol 40%



SPORTDYNO V3.3
DYNAMOMETER, Mototech EPD
ROLLER INERTIA: 1.446

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

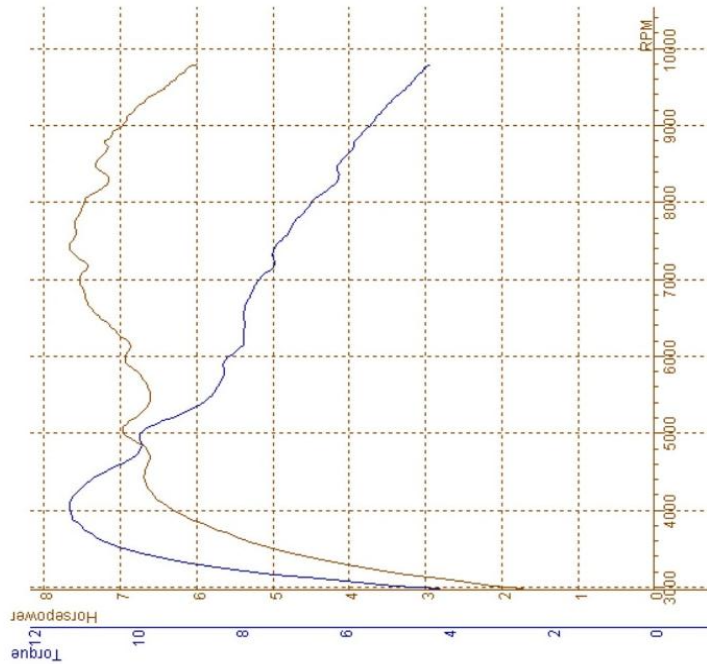
TEST NAME: MIO SPORTY 113 T130
MAX POWER: 7.7 (7.7)/17443
MAX TORQUE: 11.29 (11.29)/4087
Temp. °C: 33.5 °C
Humidity %: 58 %
Pressure: 1000.0 mbar
KMH: 88.8
Date/Time: 3/29/2014 2:04:20 PM

DATA FOR TEST: MIO SPORTY 113 T130

Comments
E 40% PREMIUM / STANDAR

RPM	HP (HP@)	N°M°M	T
3000	2.1	5.02	0.54
3250	3.8	8.46	0.70
3500	5.1	10.33	0.86
3750	5.8	11.06	1.02
4000	6.3	11.27	1.16
4087	6.4	11.29	1.20
4250	6.6	11.09	1.32
4500	6.7	10.56	1.48
4750	6.6	9.92	1.66
5000	7.0	9.91	1.82
5250	6.7	9.12	2.02
5500	6.6	8.53	2.22
5750	6.8	8.31	2.44
6000	6.9	8.19	2.64
6250	7.0	7.93	2.86
6500	7.3	7.92	3.08
6750	7.5	7.81	3.30
7000	7.5	7.61	3.52
7250	7.5	7.35	3.76
7443	7.7	7.30	3.92
7500	7.6	7.21	3.96
7750	7.6	6.93	4.24
8000	7.5	6.59	4.50
8250	7.1	6.12	4.78
8500	7.3	6.08	5.06
8750	7.2	5.81	5.36
9000	7.0	5.46	5.68
9250	6.8	5.17	6.00
9500	6.4	4.76	6.38
9750	6.1	4.41	6.78

LOSSES: 0.0 HP
TOTAL ENGINE: 7.7 HP
0.0N°M°M
11.29N°M°M



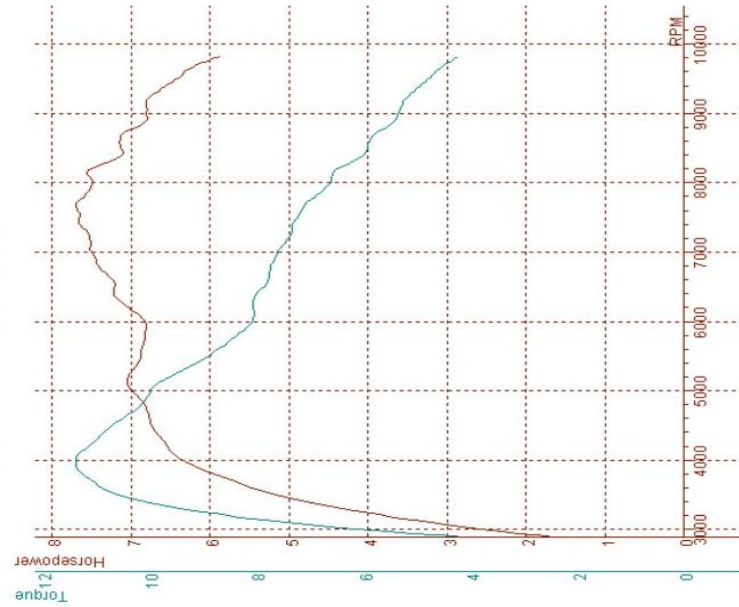
Lampiran 6. Grafik hasil pengujian daya dan torsi CDI standar premium-ethanol 40%



SPORTIVO V3.3
 DYNAMOMETER: Mototech RFD
 ROLLER INERTIA: 1.4kg

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

TEST NAME | MAX POWER | MAX TORQUE | Temp. °C | Humidity % | Pressure | KMH | Date/Time
 MIO SPORTY 113 TL29 | 7.7 (7.7)/7681 | 11.37(11.37)/4000 | 33.5 °C | 58 % | 1000.0 mbar | 88.9 | 3/29/2014 2:03:56 PM



DATA FOR TEST: MIO SPORTY 113 TL29

Comments
 E. 40% PREMIUM / STANDAR

RPM	HP (HP)	(N*M/M)	T
2750	1.9	4.65	0.52
3000	2.7	6.43	0.60
3250	4.2	9.17	0.76
3500	5.2	10.57	0.90
3750	5.9	11.22	1.06
4000	6.4	11.37	1.20
4000	6.4	11.36	1.22
4250	6.6	11.04	1.36
4500	6.7	10.69	1.52
4750	6.8	10.19	1.70
5000	7.0	9.97	1.86
5250	7.0	9.44	2.06
5500	6.9	8.85	2.26
5750	6.8	8.42	2.46
6000	6.8	8.07	2.66
6250	7.1	8.05	2.88
6500	7.2	7.84	3.10
6750	7.4	7.74	3.32
7000	7.5	7.60	3.54
7250	7.5	7.35	3.78
7500	7.6	7.21	4.02
7750	7.7	7.10	4.18
8000	7.5	6.97	4.26
8250	7.4	6.61	4.52
8500	7.1	5.92	5.08
8750	7.0	5.67	5.38
9000	6.8	5.34	5.70
9250	6.7	5.14	6.04
9500	6.5	4.80	6.40
9750	6.0	4.36	6.80

LOSSES: 0.0 HP
 TOTAL ENGINE: 7.7HP
 0.0N*M*M
 11.37N*M*M

Lampiran 7. Grafik Hasil Pengujian daya dan torsi CDI racing premium-ethanol 40%



SPORTIVO V3.3
 DYNAMOMETER, Mototech RFD
 ROLLER INERTIA: 1.446

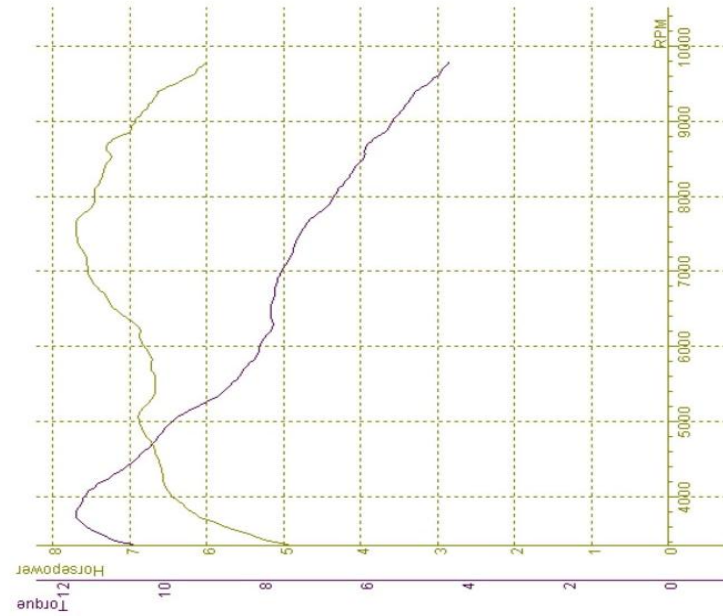
Displacement Correction
 Correction Factor: ISO 1585
 NOTE: Load Cell Included.

TEST NAME: MIO SPORTY 113 T124 | MAX POWER: 17.07 @ 7577 | MAX TORQUE: 11.69 (11.69) / 3773 | Temp. °C: 33.5 °C | Humidity %: 58 % | Pressure: 1000.0 mbar | KMH: 89.0 | Date/Time: 3/29/2014 2:00:37 PM

DATA FOR TEST: MIO SPORTY 113 T124

RPM	HP (HHP)	(N*M*M)	T
3000	5.1	10.76	0.52
3250	5.2	10.93	0.54
3500	5.5	11.20	0.58
3750	6.1	11.69	0.74
4000	6.1	11.69	0.74
4250	6.6	11.53	0.88
4500	6.6	10.97	1.06
4750	6.6	10.48	1.22
5000	6.7	10.11	1.38
5000	6.9	9.79	1.56
5250	6.7	9.11	1.76
5500	6.7	8.59	1.96
5750	6.7	8.30	2.16
6000	6.8	8.05	2.38
6250	6.9	7.80	2.60
6500	7.2	7.85	2.80
6750	7.4	7.76	3.04
7000	7.5	7.62	3.26
7250	7.6	7.42	3.48
7500	7.7	7.26	3.72
7750	7.7	7.20	3.78
8000	7.6	6.92	3.98
8250	7.5	6.60	4.22
8500	7.4	6.31	4.50
8750	7.2	6.02	4.78
9000	7.2	5.82	5.08
9250	6.9	5.43	5.40
9500	6.7	5.12	5.74
9750	6.4	4.77	6.10
9750	6.1	4.39	6.50

Comments
 E 40% PREMIUM / RACING (STD)



LOSSES: 0.0HP
 TOTAL ENGINE: 7.7HP
 0.0N*M*M
 11.69N*M*M

Lampiran 8. Grafik hasil pengujian daya dan torsi CDI racing premium-ethanol 40%

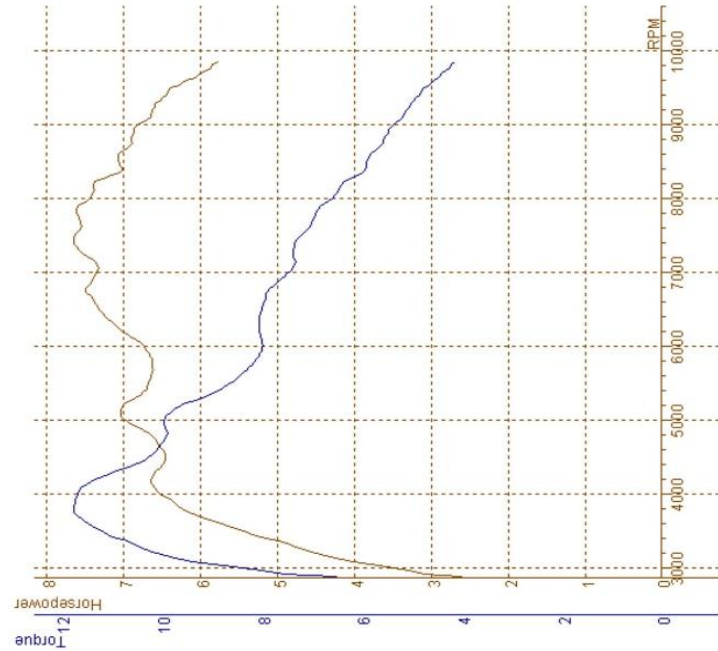


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 Telp. +62 274 888953

SPORTDYNO V3.3
 DYNAMOMETER, Mototech EPD
 ROLLER INERTIA: 1.446

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

TEST NAME: MIO SPORTY 113 T122 | MAX TORQUE: 11.74 (11.74) / 3809 | Temp. °C: 33.5 °C | Humidity: %: 38 % | Pressure: 1000.0 mbar | KMH: 89.3 | Date/Time: 3/29/2014 1:59:52 PM



DATA FOR TEST: MIO SPORTY 113 T122

Comments
 E 40% PREMIUM / RACING (STD)

RPM	HP (HP@N°M°M)	T
2750	2.8	7.05
3000	3.7	8.74
3250	4.8	10.44
3500	5.4	11.17
3750	6.2	11.73
3809	6.2	11.74
4000	6.5	11.67
4250	6.6	11.13
4500	6.5	10.19
4750	6.6	9.88
5000	7.0	9.95
5250	6.9	9.30
5500	6.7	8.59
5750	6.6	8.18
6000	6.8	7.97
6250	7.1	8.04
6500	7.3	7.99
6750	7.5	7.87
7000	7.3	7.42
7250	7.5	7.36
7500	7.6	7.30
7750	7.6	6.92
8000	7.4	6.59
8250	7.3	6.28
8500	7.1	5.88
8750	6.9	5.56
9000	6.8	5.33
9250	6.6	5.03
9500	6.3	4.71
9750	5.9	4.28

LOSSES: 0.0HP
 TOTAL ENGINE: 7.7HP
 0.0N°M°M
 11.74N°M°M

Lampiran 9. Grafik hasil pengujian daya dan torsi CDI racing premium-ethanol 40%



Lampiran 10. Grafik hasil pengujian daya dan torsi CDI racing non-standar premium-ethanol 40%



SPORIDYNO V2.3
 DYNAMOMETER: Mototech FPD
 ROLLER INERTIA: 1.446

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

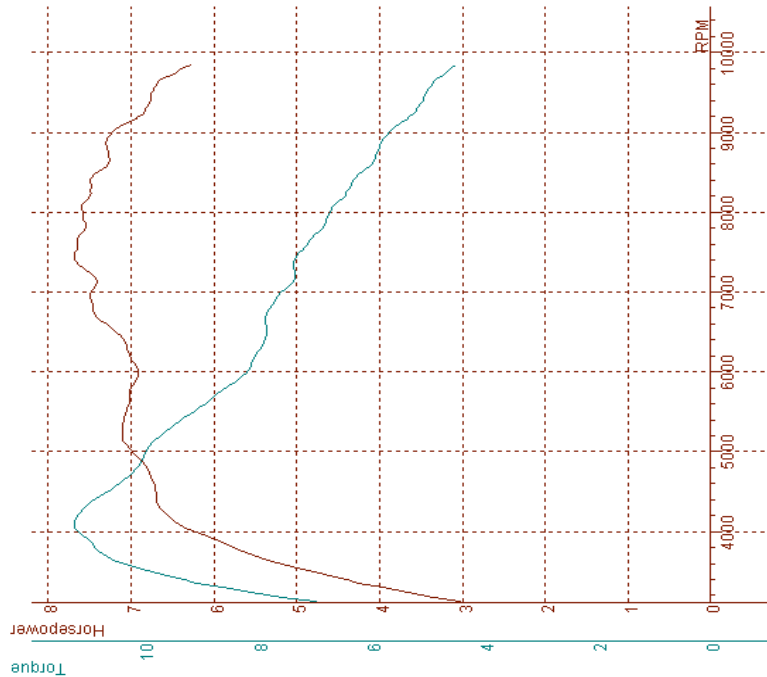
TEST NAME | MAX POWER | MAX TORQUE | Temp. °C | Humidity % | Pressure | KMH | Date/Time
 MIO SPORTY 113 T137 | 7.7 (7.7) / 7430 | 11.23 (11.23) / 4093 | 33.5 °C | 58 % | 1000.0 mbar | 88.4 | 3/29/2014 2:08:33 PM

DATA FOR TEST: MIO SPORTY 113 T137

Comments
 E 40% PREMIUM / RACING (OPTIMAL)

RPM	HP (HEQ) (N*M*60)	T
3000	3.2	7.28
3250	3.8	8.37
3500	4.9	10.03
3750	5.7	10.80
4000	6.3	11.20
4093	6.4	11.23
4250	6.6	11.12
4500	6.7	10.57
4750	6.8	10.16
5000	7.0	9.95
5250	7.1	9.62
5500	7.1	9.09
5750	7.0	8.67
6000	6.9	8.16
6250	7.0	7.98
6500	7.2	7.84
6750	7.5	7.82
7000	7.5	7.55
7250	7.5	7.34
7430	7.7	7.33
7500	7.7	7.23
7750	7.6	6.91
8000	7.6	6.71
8250	7.5	6.41
8500	7.4	6.15
8750	7.3	5.88
9000	7.2	5.67
9250	6.8	5.22
9500	6.7	5.01
9750	6.5	4.68

LOSSES: 0.0 HP 0.0N*M*60
 TOTAL ENGINE: 7.7HP 11.23N*M*60



Lampiran 11. Grafik hasil pengujian daya dan torsi CDI racing non-standar premium-ethanol 40%



SPORTDYNO V3.3
 DYNAMOMETER: Mototech EPD
 KOLLER INERTIA: 1.446

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

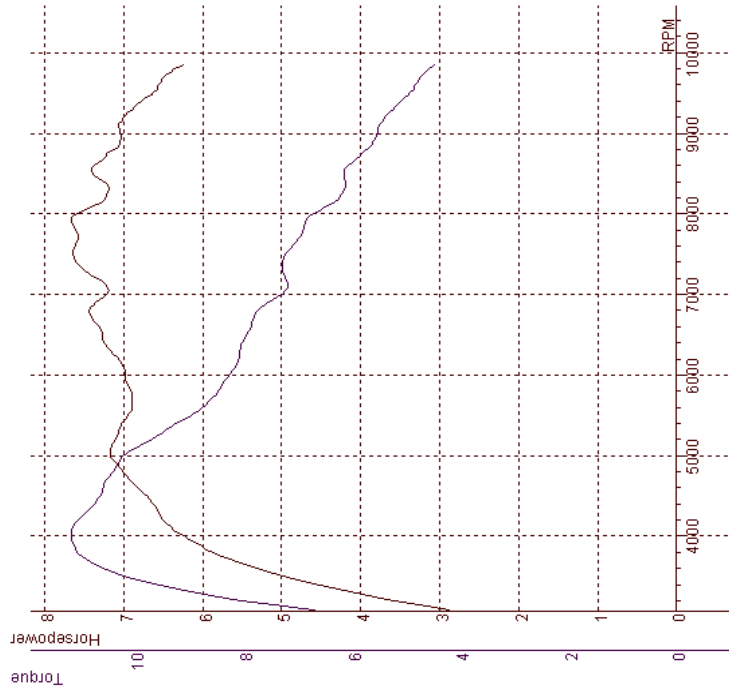
TEST NAME: MIO SPORTY 113 T136
 MAX POWER: 7.7 (7.7) / 7953
 MAX TORQUE: 11.18 (11.18) / 4043
 Temp. °C: 33.5 °C
 Humidity %: 58 %
 Pressure: 1000.0 mbar
 KM/H: 89.3
 Date/Time: 3/29/2014 2:08:09 PM

DATA FOR TEST: MIO SPORTY 113 T136

Comments
 E 40% PREMIUM / RACING (OPTIMAL)

RPM	HP (HP)	(N*M*M)	T
3000	3.1	7.08	0.52
3250	3.9	8.59	0.62
3500	5.0	10.28	0.78
3750	5.7	10.98	0.92
4000	6.3	11.18	1.08
4043	6.3	11.18	1.10
4250	6.5	10.95	1.24
4500	6.7	10.64	1.40
4750	7.0	10.46	1.56
5000	7.2	10.18	1.74
5250	7.1	9.56	1.92
5500	6.9	8.92	2.12
5750	6.9	8.50	2.32
6000	7.0	8.25	2.52
6250	7.1	8.08	2.74
6500	7.3	7.92	2.96
6750	7.4	7.78	3.18
7000	7.2	7.26	3.42
7250	7.4	7.26	3.64
7500	7.6	7.20	3.88
7750	7.6	6.93	4.12
7953	7.7	6.82	4.32
8000	7.6	6.72	4.38
8250	7.2	6.17	4.66
8500	7.4	6.14	4.94
8750	7.2	5.83	5.22
9000	7.0	5.53	5.54
9250	6.9	5.29	5.88
9500	6.6	4.91	6.24
9750	6.4	4.65	6.62

LOSSES: 0.0HP
 TOTAL ENGINE: 7.7HP
 0.0N*M*M
 11.18N*M*M



Lampiran 12. Grafik hasil pengujian daya dan torsi CDI racing non-standar premium-ethanol 40%



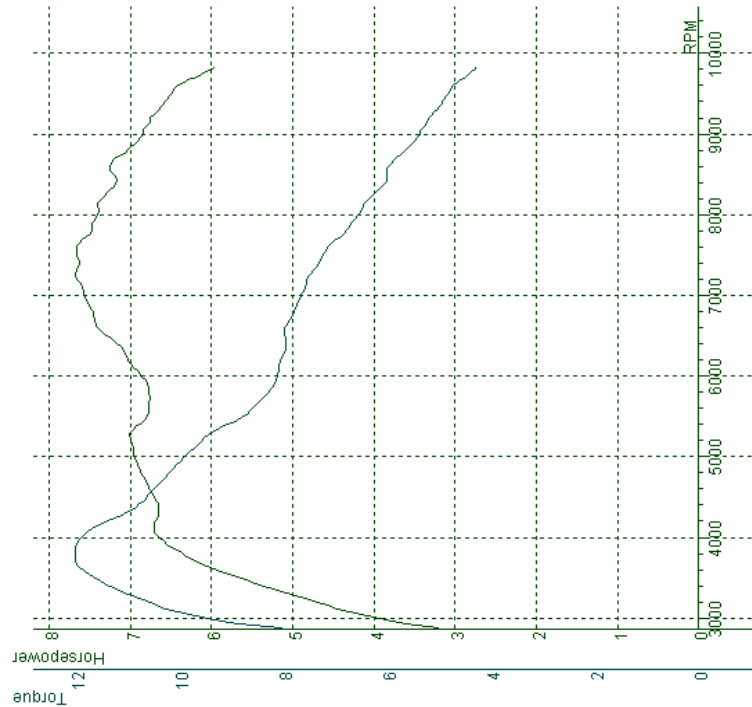
SPORTIVO V3.3
 DYNAMOMETER: Mototech RPD
 ROLLER INERTIA: 1.446

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

TEST NAME	MAX POWER	Temp. °C	Humidity %	Pressure
MIO SPORTY 113 T135	7.7 (7.7)/7241	35.5 °C	58 %	1000.0 mbar
				KMH
				89.9
				Date/Time
				3/29/2014 2:07:44 PM

DATA FOR TEST: MIO SPORTY 113 T135

Comments
 E 40% PREMIUM / RACING (OPTIMAL)



RPM	HP (HP)	HP (N*M*M)	T
2750	3.4	8.47	0.52
3000	4.1	9.69	0.60
3250	4.9	10.85	0.74
3500	5.7	11.65	0.88
3750	6.3	12.01	1.04
4000	6.4	12.01	1.08
4250	6.7	11.88	1.18
4500	6.7	11.18	1.34
4750	6.7	10.63	1.50
5000	7.0	9.88	1.68
5250	7.0	9.45	2.06
5500	6.8	8.77	2.24
5750	6.8	8.34	2.46
6000	6.9	8.12	2.68
6250	7.1	8.00	2.90
6500	7.3	7.97	3.12
6750	7.5	7.81	3.34
7000	7.6	7.65	3.56
7241	7.7	7.51	3.78
7500	7.7	7.49	3.80
7750	7.7	7.23	4.04
8000	7.5	6.83	4.30
8250	7.4	6.54	4.56
8500	7.3	6.25	4.84
8750	7.2	6.00	5.14
9000	7.1	5.70	5.44
9250	6.9	5.38	5.76
9500	6.7	5.12	6.10
9750	6.5	4.81	6.48
	6.1	4.39	6.88

LOSSES: 0.0 HP
 TOTAL ENGINE: 7.7HP
 0.0N*M*M
 12.01N*M*M

