

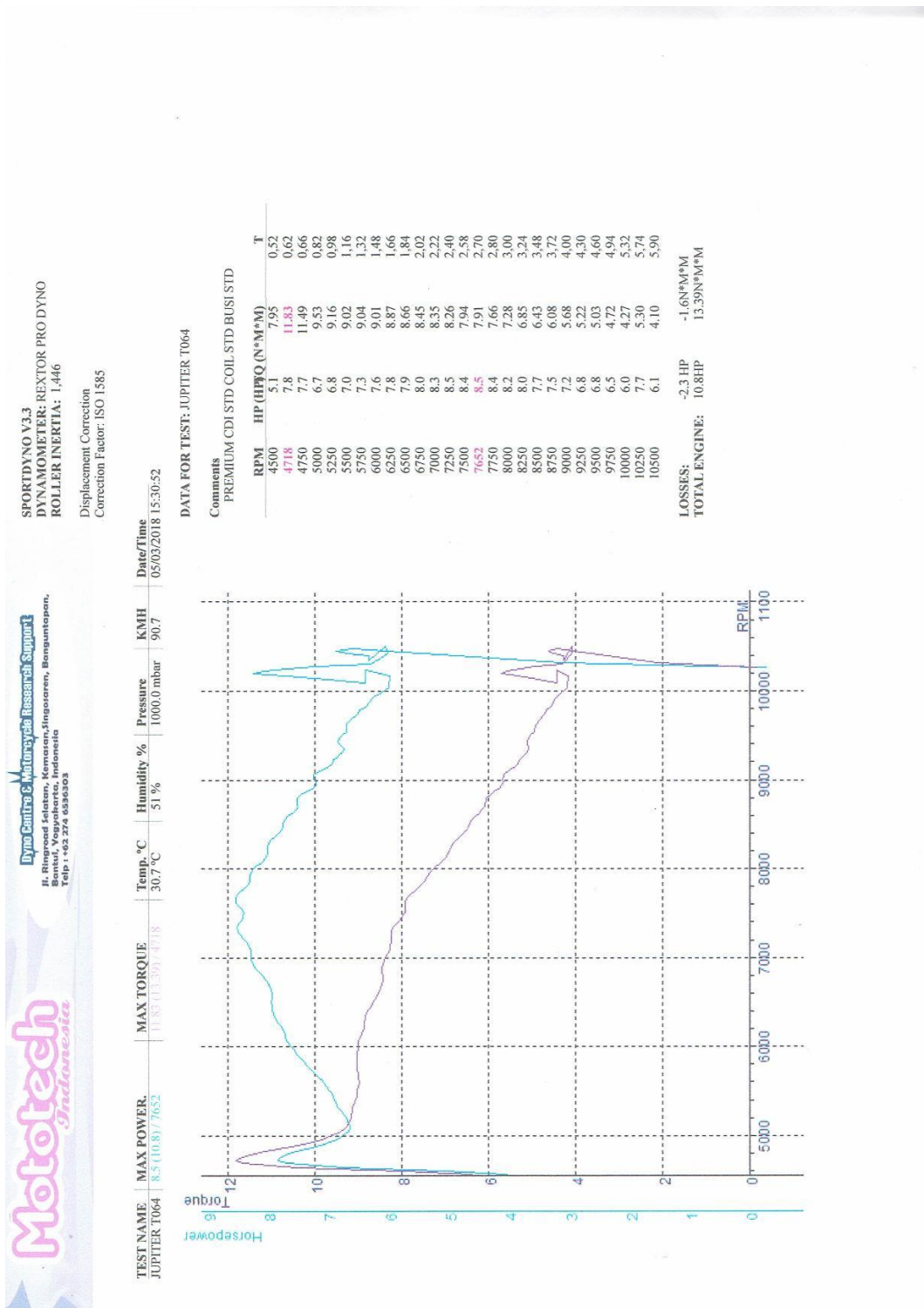
LAMPIRAN



Lampiran 1 Grafik Hasil Dynotest CDI STD, COIL STD dan BUSI STD



Lampiran 2 Grafik Hasil Dynotest CDI STD, COIL STD dan BUSI STD



Lampiran 3 Grafik Hasil Dynotest CDI STD, COIL STD dan BUSI STD



Lampiran 4 Grafik Hasil Dynotest CDI STD, COIL STD dan BUSI STD



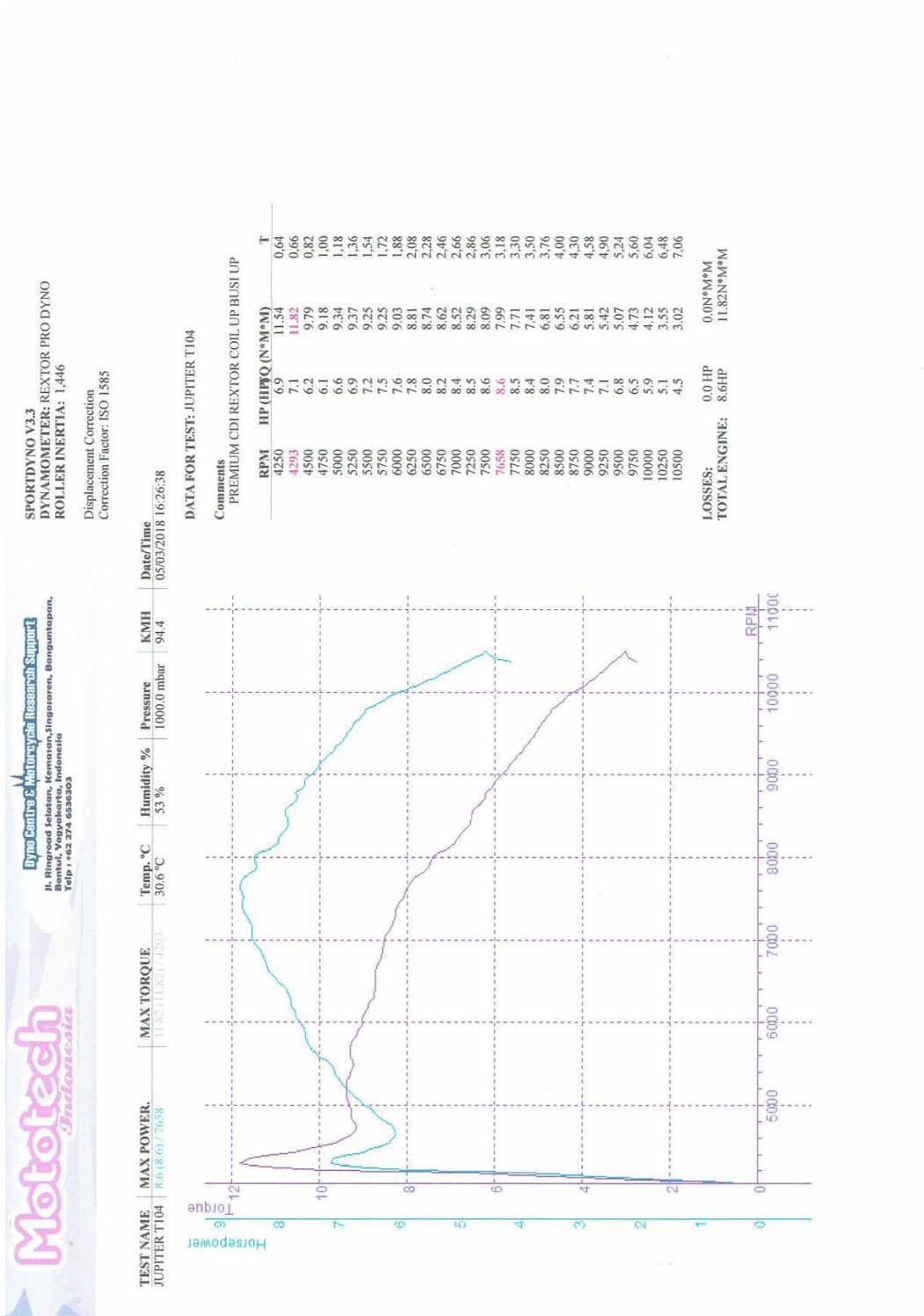
Lampiran 5 Grafik Hasil Dynotest CDI STD, COIL STD dan BUSI STD



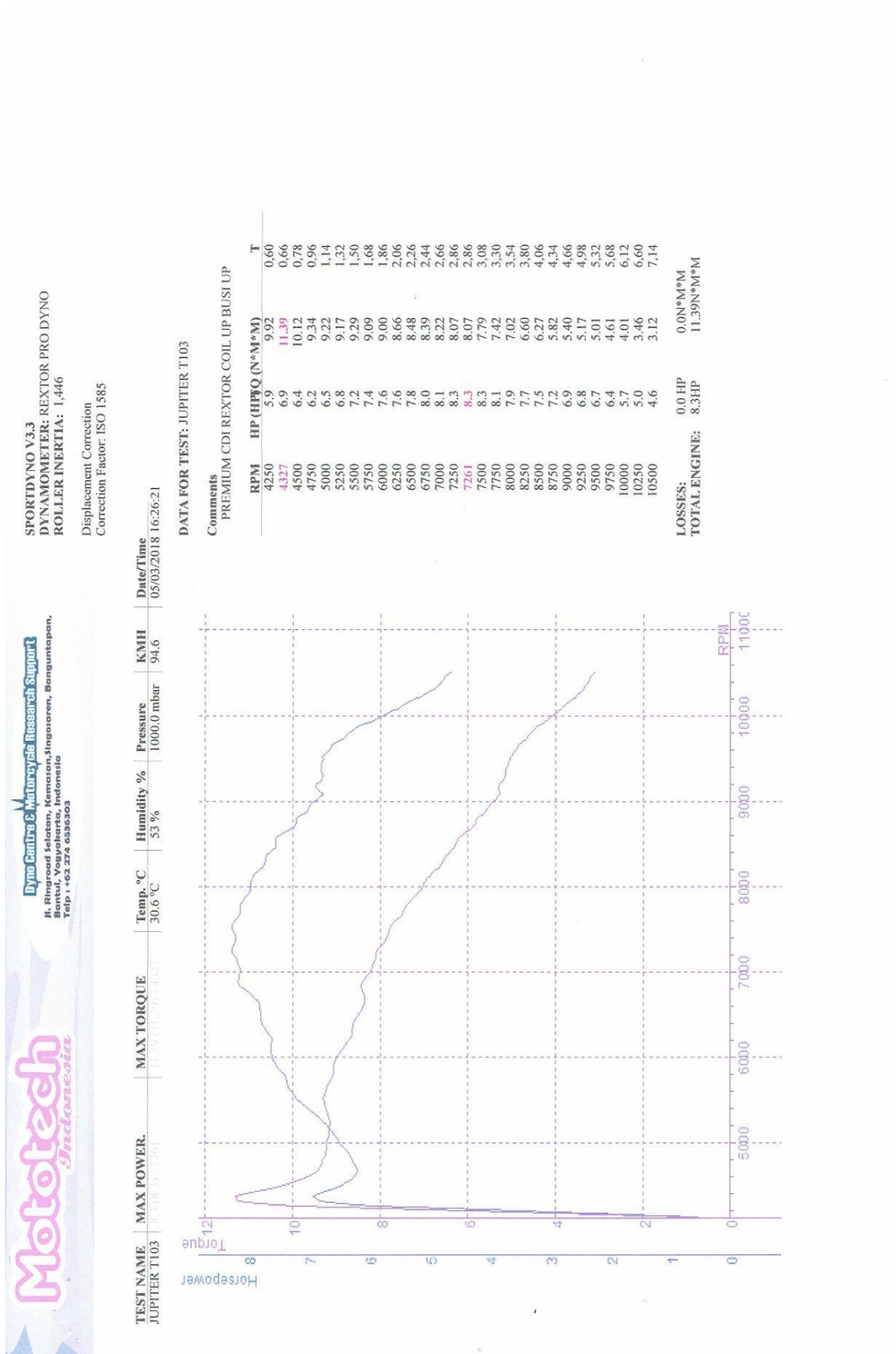
Lampiran 6 Grafik Hasil Dynotest CDI REXTOR, COIL UP dan BUSI UP



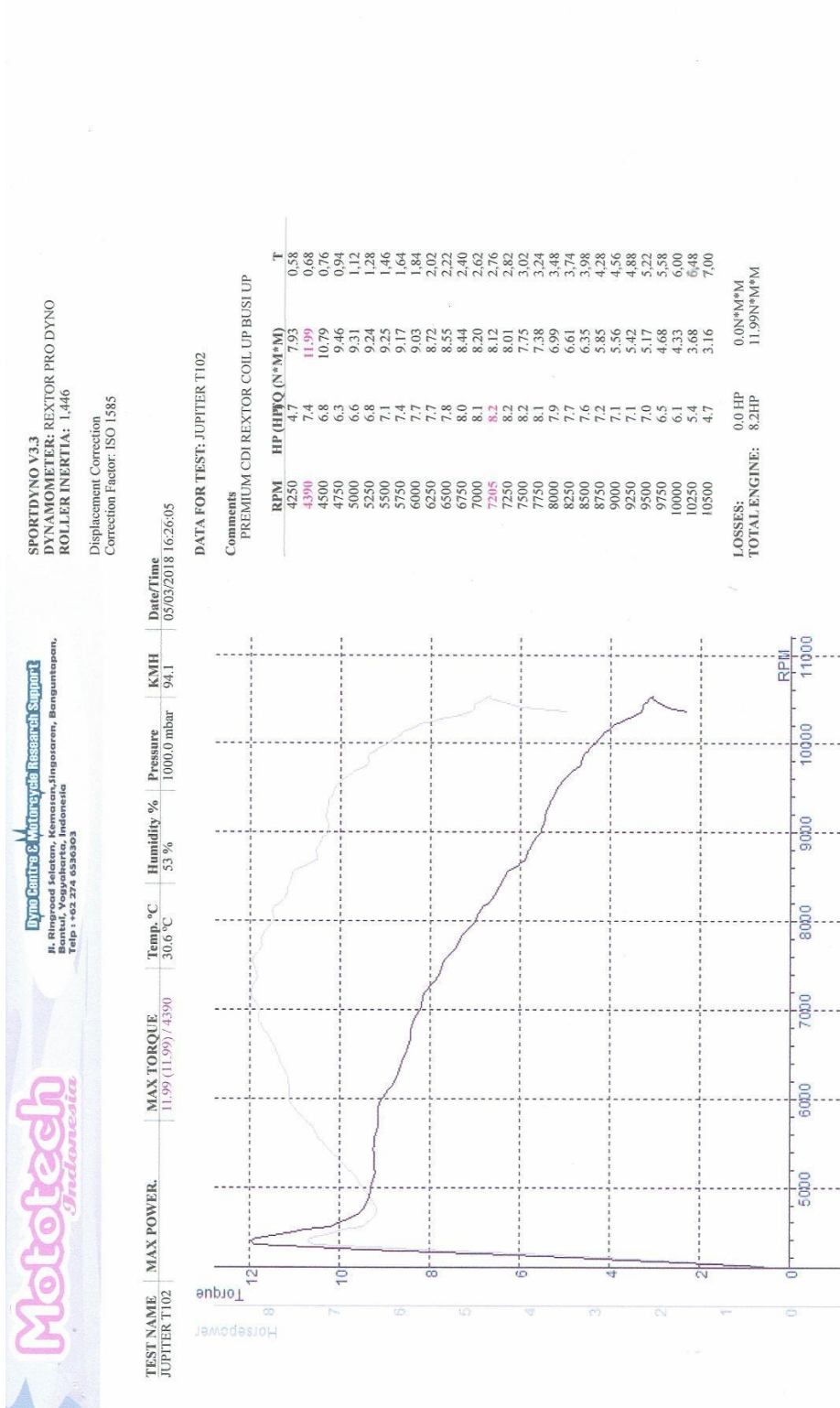
Lampiran 7 Grafik Hasil Dynotest CDI REXTOR, COIL UP dan BUSI UP



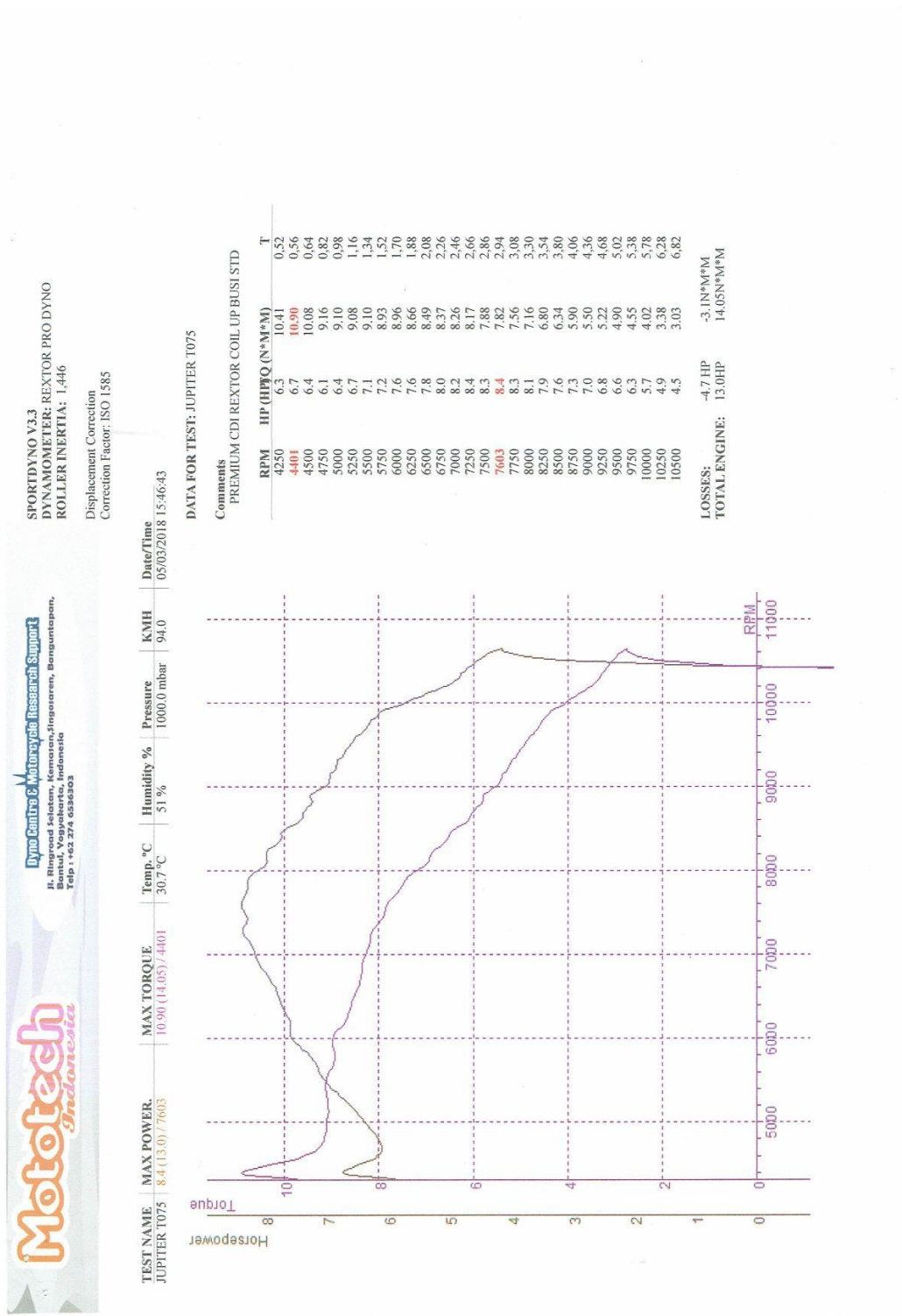
Lampiran 8 Grafik Hasil Dynotest CDI REXTOR, COIL UP dan BUSI UP



Lampiran 9 Grafik Hasil Dynotest CDI REXTOR, COIL UP dan BUSI UP



Lampiran 10 Grafik Hasil Dynotest CDI REXTOR, COIL UP dan BUSI UP



Lampiran 11 Grafik Hasil Dynotest CDI REXTOR, COIL UP dan BUSI STD



Lampiran 12 Grafik Hasil Dynotest CDI REXTOR, COIL UP dan BUSI STD



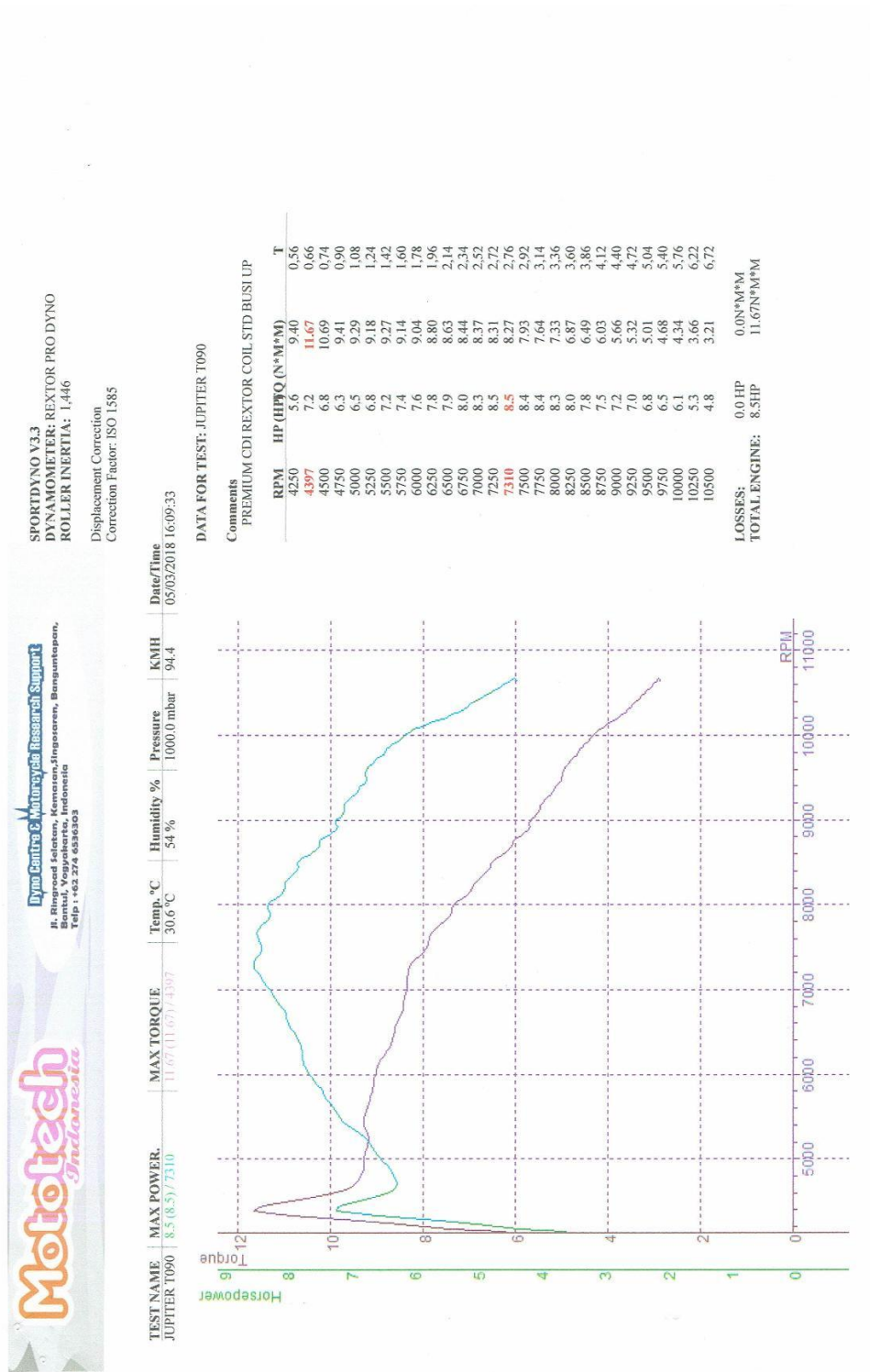
Lampiran 13 Grafik Hasil Dynotest CDI REXTOR, COIL UP dan BUSI STD



Lampiran 14 Grafik Hasil Dynotest CDI REXTOR, COIL UP dan BUSI STD



Lampiran 15 Grafik Hasil Dynotest CDI REXTOR, COIL UP dan BUSI STD



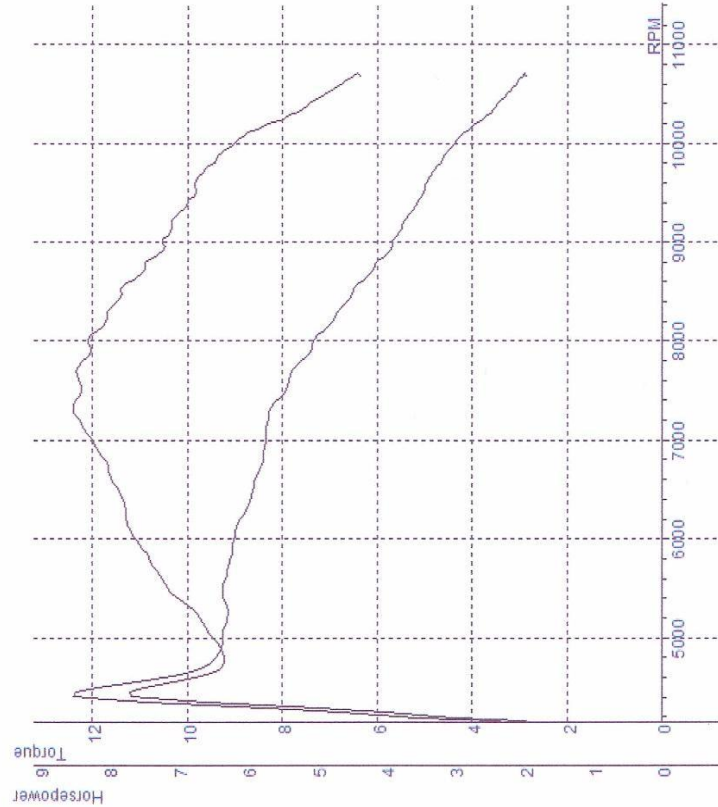
Lampiran 16 Grafik Hasil Dynotest CDI REXTOR, COIL STD, BUSI UP

Mototech Indonesia
 Dyno Centre & Motorcycle Research Support
 Jl. Binusoid Selatan, Kecamatan Singosaren, Banguntapan,
 Bantul, Yogyakarta, Indonesia
 Telp 1-82-274-636303

SPORTDYNO V3.3
 DYNAMOMETER: REXTOR PRO DYNO
 ROLLER INERTIA: 1,446

Displacement Correction
 Correction Factor: ISO 1585

TEST NAME: JUPITER T092 | MAX TORQUE: 12.40 (12.40) / 4414 | Temp. °C: 30.6 °C | Humidity %: 54 % | Pressure: 1000.0 mbar | KMH: 94.4 | Date/Time: 05/03/2018 16:09:33



DATA FOR TEST: JUPITER T092

Comments
 PREMIUM CDI REXTOR COIL STD BUSI UP

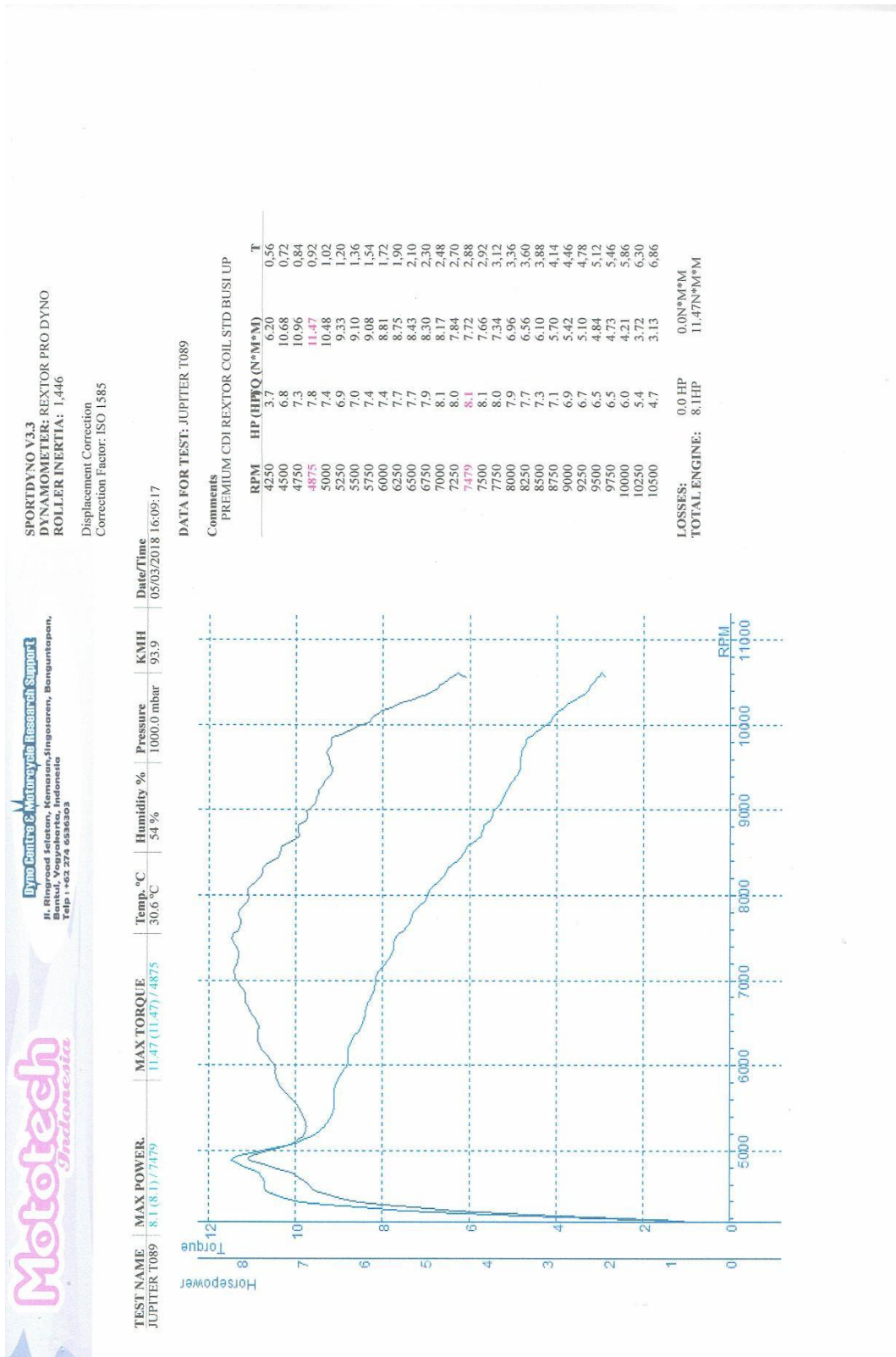
RPM	HP (HP@Q) (N*M/M)	T
4250	4.0	6.80
4414	7.7	12.40
4500	7.4	11.69
4750	6.3	9.45
5000	6.5	9.25
5250	6.8	9.14
5500	7.1	9.25
5750	7.4	9.12
6000	7.6	9.02
6250	7.8	8.80
6500	7.9	8.60
6750	8.0	8.42
7000	8.2	8.35
7250	8.5	8.29
7337	8.5	8.23
7500	8.4	7.93
7750	8.4	7.67
8000	8.3	7.34
8250	8.0	6.87
8500	7.8	6.51
8750	7.5	6.04
9000	7.2	5.68
9250	7.0	5.38
9500	6.7	5.02
9750	6.6	4.75
10000	6.2	4.36
10250	5.5	3.76
10500	4.9	3.28

LOSSES: 0.0 HP
 TOTAL ENGINE: 8.3 HP
 0.0 N*M*M
 12.40 N*M*M

Lampiran 17 Grafik Hasil Dynotest CDI REXTOR, COIL STD, BUSI UP



Lampiran 18 Grafik Hasil Dynotest CDI REXTOR, COIL STD, BUSI UP



Lampiran 19 Grafik Hasil Dynotest CDI REXTOR, COIL STD, BUSI UP

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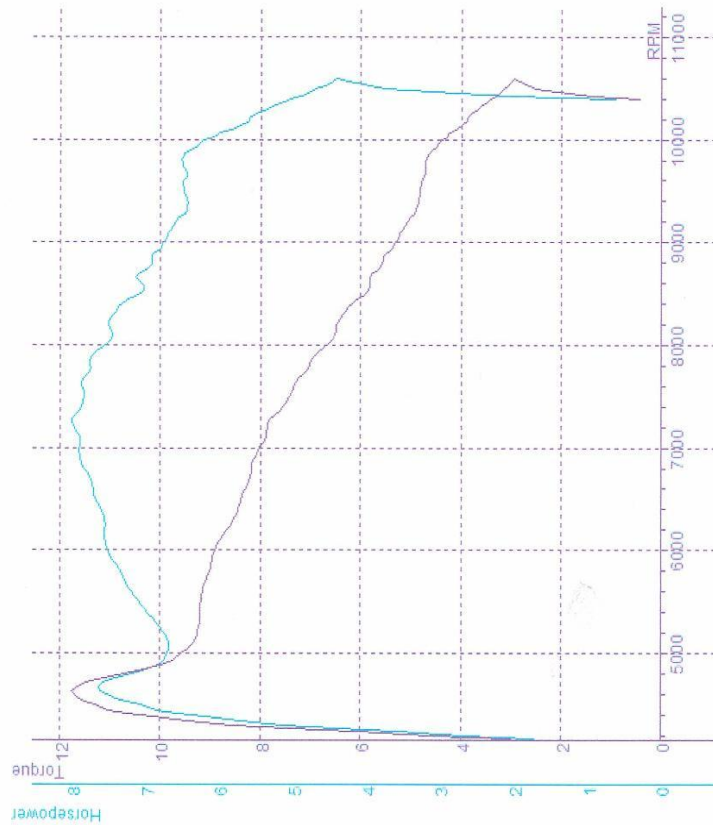
Dyno Centre & Motorcycle Research Support

Jl. Ringroad Selatan, Kemaman, Singaperan, Benguntapan,
Bekasi, West Java, Indonesia
Telp. +62.274.6536303

SPORTDYNO V3.3
DYNAMOMETER: REXTOR PRO DYNO
ROLLER INERTIA: 1,446

Displacement Correction
Correction Factor: ISO 1585

TEST NAME | MAX POWER. | MAX TORQUE | Temp. °C | Humidity % | Pressure | KMH | Date/Time
 JUPITER T088 | 8.0 (11.07/7240) | 11.76 (13.80) -4028 | 30.6 °C | 54 % | 1000.0 mbar | 93.7 | 05/03/2018 16:09:01



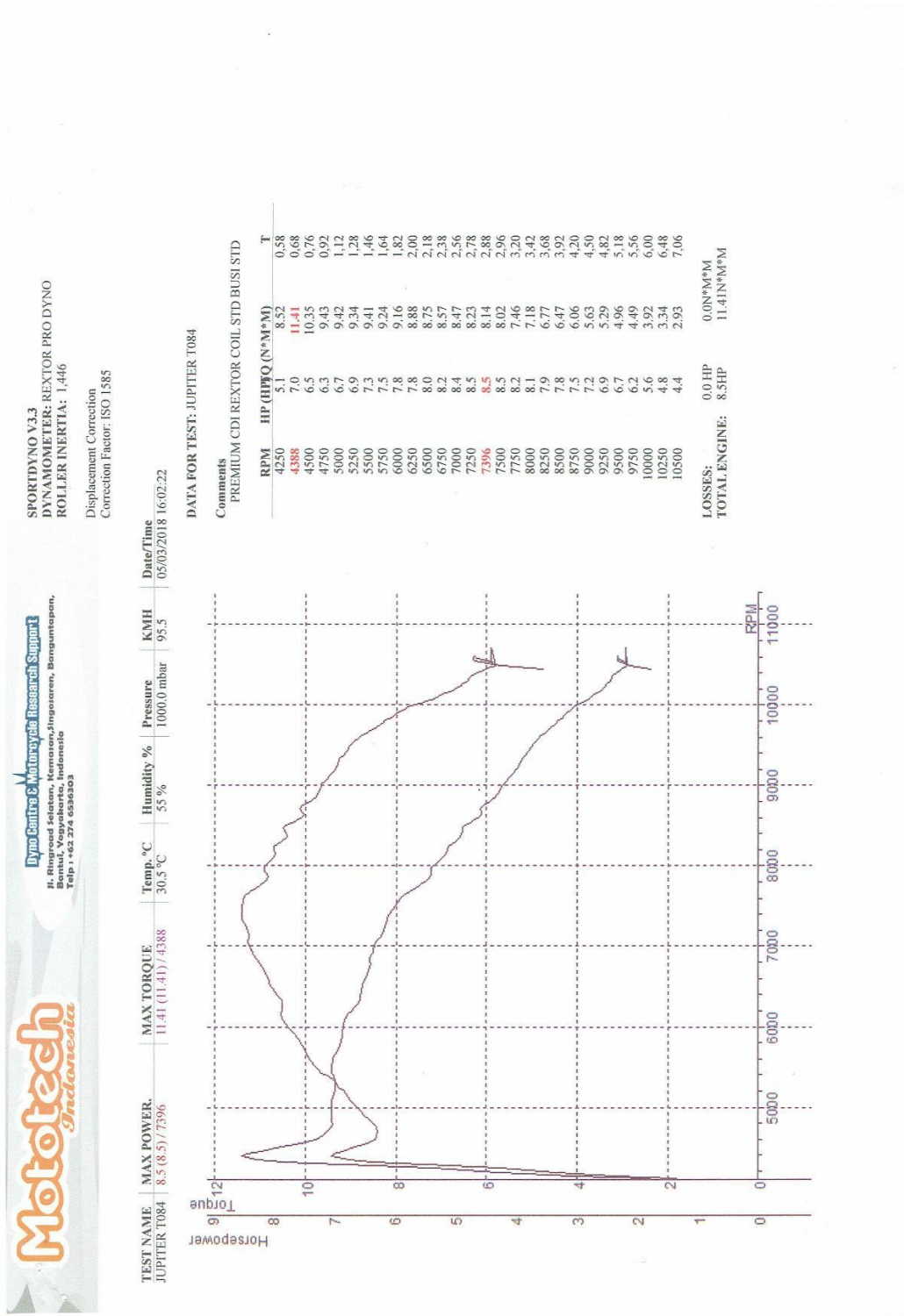
DATA FOR TEST: JUPITER T088

Comments
PREMIUM CDI REXTOR COIL STD BUSI UP

RPM	HP (HP/PO (N*M*M))	T
4250	4.4	7.42
4500	7.3	11.47
4628	7.6	11.76
4750	7.3	10.98
5000	6.7	9.50
5250	6.8	9.22
5500	7.1	9.17
5750	7.3	9.04
6000	7.5	8.88
6250	7.6	8.55
6500	7.7	8.38
6750	7.8	8.19
7000	7.9	7.98
7240	8.0	7.85
7500	8.0	7.79
7750	7.7	7.06
8000	7.5	6.63
8250	7.5	6.42
8500	7.0	5.83
8750	6.9	5.61
9000	6.8	5.31
9250	6.5	4.97
9500	6.5	4.82
9750	6.5	4.70
10000	6.2	4.35
10250	5.5	3.79
10500	4.6	3.07

LOSSES: -3.0 HP -2.0N*M*M
 TOTAL ENGINE: 11.0HP 13.80N*M*M

Lampiran 20 Grafik Hasil Dynotest CDI REXTOR, COIL STD, BUSI UP

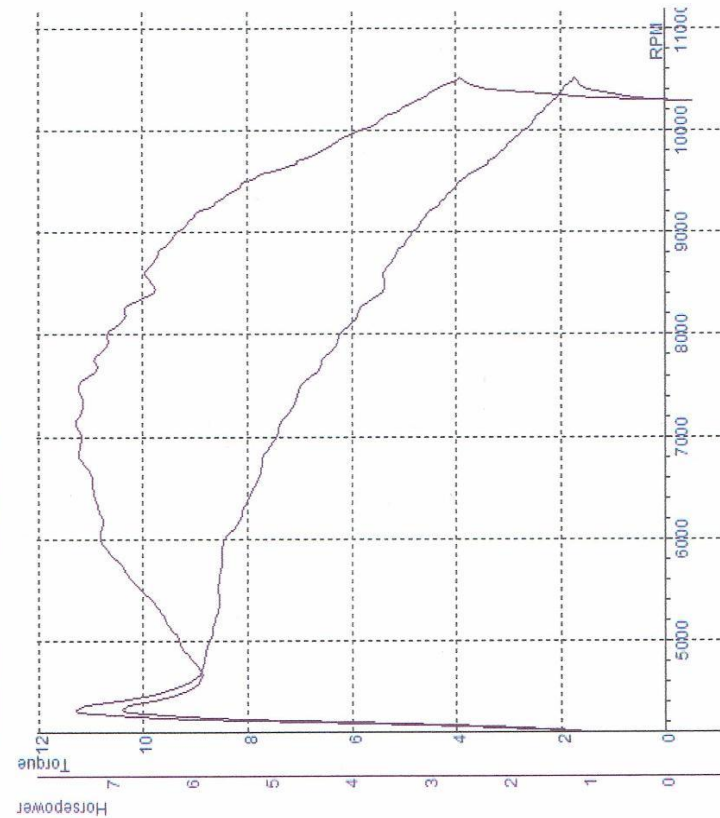


Lampiran 21 Grafik Hasil Dynotest CDI REXTOR, COIL STD dan BUSI STD

Mototech Indonesia
 Dinamo Centre & Motorcycle Research Support
 Jl. R. H. Satrio No. 111, Komplek Graha Pertiwi, Blok B, Lt. 1, Jakarta Selatan
 Bandung, Yogyakarta, Semarang, Surabaya, Bekasi, Medan, Pekanbaru, Palembang, Lampung, Palembang, Palembang
 Telp: +62.274.5536303

SPORTDYNO V3.3
 DYNAMOMETER: REXTOR PRO DYNO
 ROLLER INERTIA: 1,446
 Displacement Correction
 Correction Factor: ISO 1585

TEST NAME | MAX POWER. | MAX TORQUE | Temp. °C | Humidity % | Pressure | KM/H | Date/Time
 JUPITER T082 | 7.4 (9.3) / 7119 | 11.27 (12.59) / 4321 | 30.4 °C | 54 % | 1000.0 mbar | 92.3 | 09/05/2018 15:58:39



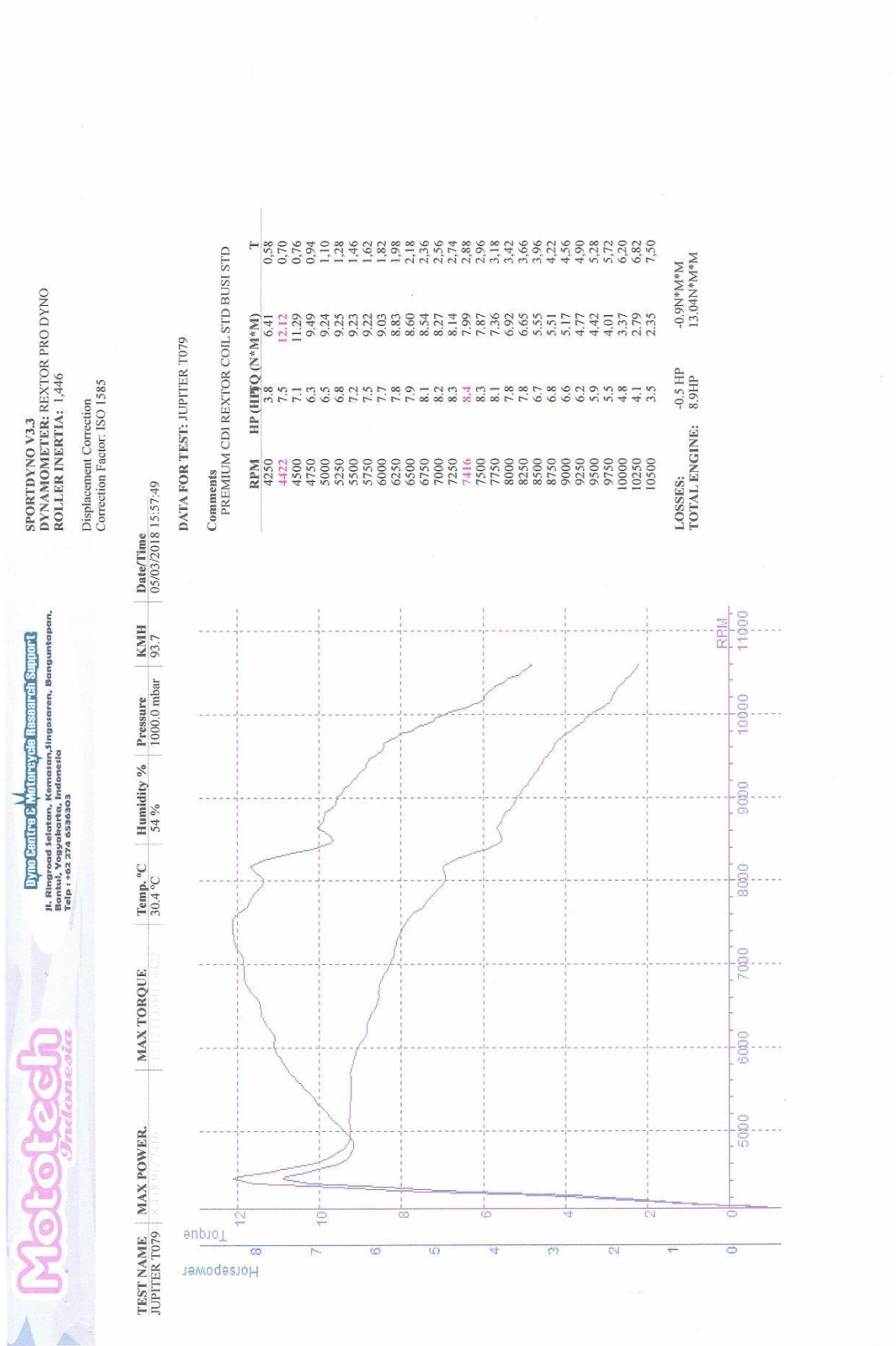
DATA FOR TEST: JUPITER T082

Comments
 PREMIUM CDI REXTOR COIL STD BUSI STD

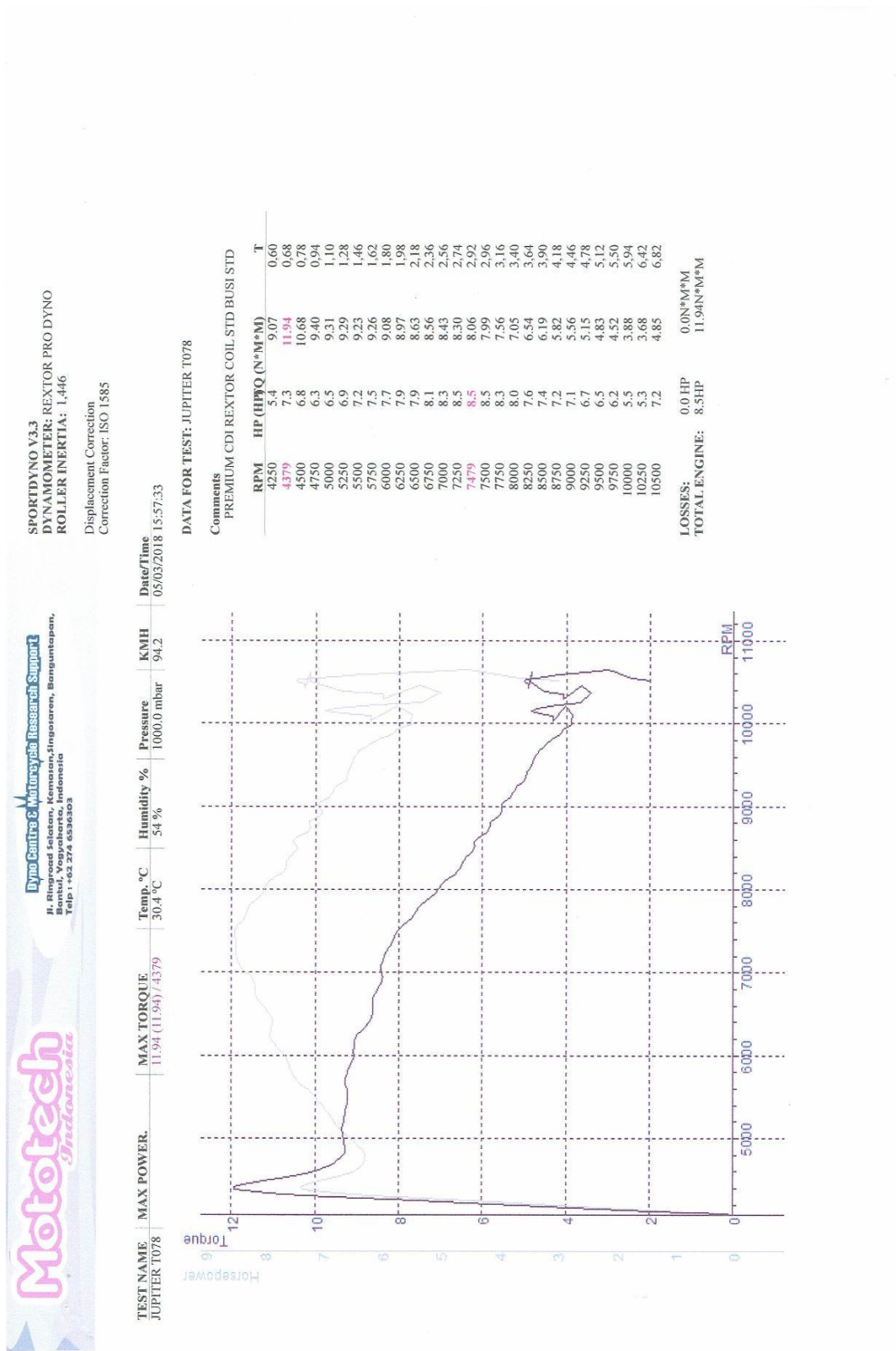
RPM	HP (HP@Q (N*M*M))	T
4250	6.0	10.16
4321	6.8	11.27
4500	6.0	9.43
4750	5.9	8.84
5000	6.1	8.69
5250	6.3	8.58
5500	6.7	8.55
5750	6.9	8.48
6000	7.1	8.42
6250	7.1	8.09
6500	7.2	7.86
6750	7.3	7.71
7000	7.3	7.44
7119	7.4	7.39
7250	7.3	7.15
7500	7.4	6.97
7750	7.2	6.57
8000	7.0	6.21
8250	6.8	5.83
8500	6.5	5.37
8750	6.4	5.18
9000	6.1	4.82
9250	5.7	4.38
9500	5.3	3.92
9750	4.4	3.19
10000	3.9	2.72
10250	3.2	2.22
10500	2.6	1.73

LOSSES: -1.9 HP
 TOTAL ENGINE: 9.3HP
 -1.3N*M*M
 12.59N*M*M

Lampiran 22 Grafik Hasil Dynotest CDI REXTOR, COIL STD dan BUSI STD



Lampiran 23 Grafik Hasil Dynotest CDI REXTOR, COIL STD dan BUSI STD



The graph displays two curves: Torque (Horsepower) on the left y-axis and RPM on the x-axis. The torque curve peaks at 11.94 Nm at 4379 RPM. The power curve peaks at 8.5 HP at 7479 RPM. The RPM axis ranges from 5000 to 11000.

Lampiran 24 Grafik Hasil Dynotest CDI REXTOR, COIL STD dan BUSI STD



Lampiran 25 Grafik Hasil Dynotest CDI REXTOR, COIL STD dan BUSI STD



SPORTDYNO V3.3
 DYNAMOMETER: REXTOR PRO DYNO
 ROLLER INERTIA: 1,446

Displacement Correction
 Correction Factor: ISO 1585

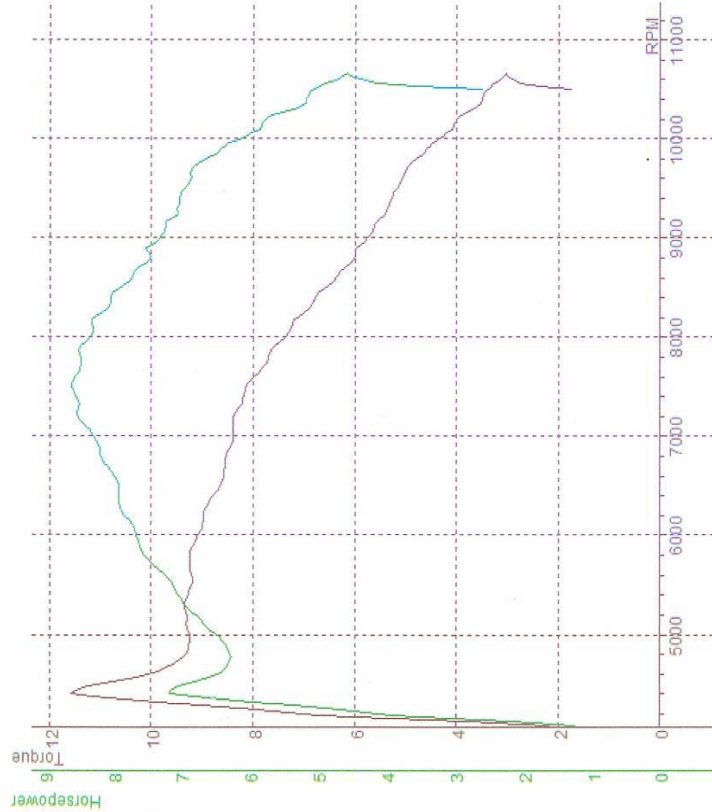
TEST NAME | MAX POWER | MAX TORQUE | Temp. °C | Humidity % | Pressure | KMH | Date/Time
 JUPITER T098 | 8.6 (8.6) / 7513 | 11.57 (11.57) / 4410 | 30.6 °C | 53 % | 1000.0 mbar | 94.3 | 05/03/2018 16:20:11

DATA FOR TEST: JUPITER T098

Comments
 PREMIUM CDI STD COIL UP BUSI UP

RPM	HP (HP)Q (N*MM)*M	T
4250	5.4	8.99
4410	7.2	11.57
4500	6.9	10.92
4750	6.3	9.38
5000	6.5	9.24
5250	6.9	9.34
5500	7.1	9.19
5750	7.5	9.25
6000	7.7	9.07
6250	7.9	8.93
6500	7.9	8.65
6750	8.2	8.36
7000	8.3	8.39
7250	8.5	8.28
7500	8.6	8.13
7513	8.6	8.13
7750	8.5	7.71
8000	8.3	7.37
8250	8.2	7.00
8500	7.9	6.52
8750	7.5	6.04
9000	7.3	5.75
9250	7.0	5.38
9500	6.9	5.14
9750	6.7	4.87
10000	6.0	4.25
10250	5.6	3.87
10500	5.1	3.40

LOSSES: 0.0 HP
 TOTAL ENGINE: 8.6 HP
 0.0 N*MM*PM
 11.57 N*MM*PM



Lampiran 26 Grafik Hasil Dynotest CDI STD, COIL UP dan BUSI UP

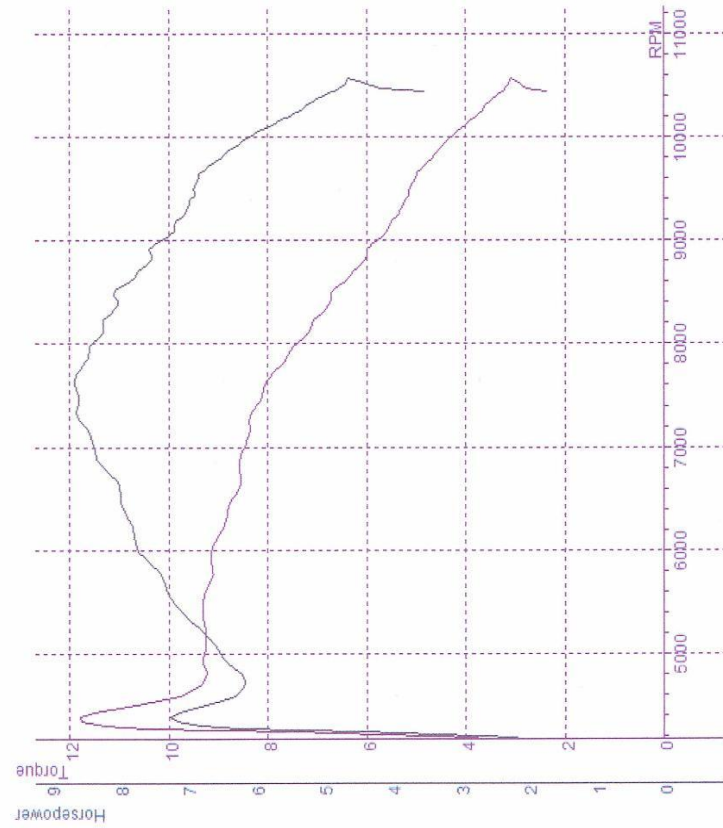
Mototech Indonesia

Dyno Centre & Motorcycle Research Support
 Jl. Ringroad Selatan, Kemaman, Singaperbangsa, Bungtungan,
 Kota Palembang, Sumatera Selatan, Indonesia
 Telp. +62 294 6594000

SPORTDYNO V3.3
 DYNAMOMETER: REXTOR PRO DYNO
 ROLLER INERTIA: 1.446

Displacement Correction
 Correction Factor: ISO 1585

TEST NAME: JUPITER T101 | MAX TORQUE: 11.91 (11.91) / 4355 | Temp. °C: 30.6 °C | Humidity %: 53 % | Pressure: 1000.0 mbar | KMH: 94.0 | Date/Time: 05/03/2018 16:21:01



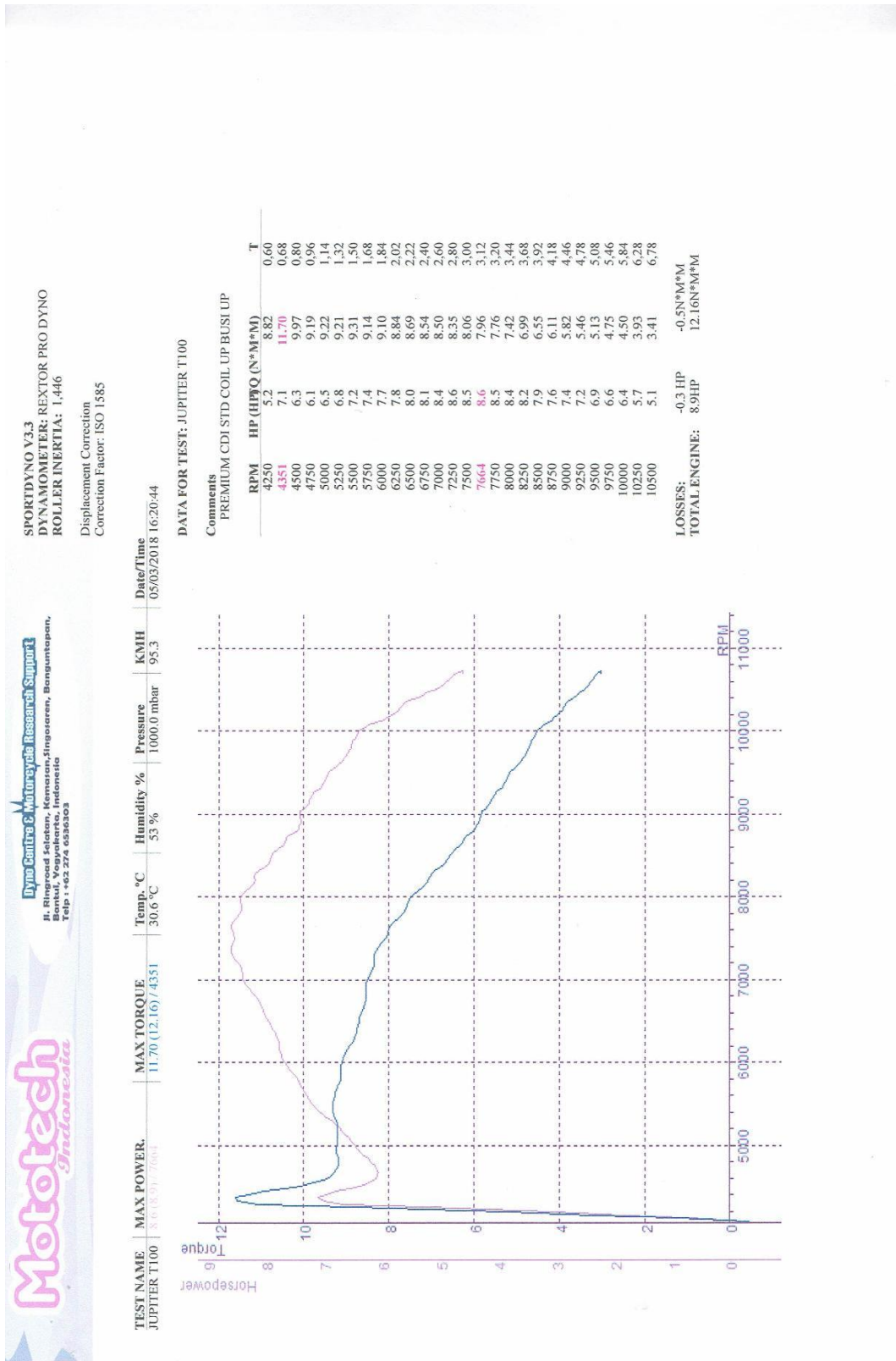
DATA FOR TEST: JUPITER T101

Comments: PREMIUM CDI STD COIL UP BUSI UP

RPM	HP (HP)	(N*M*MM)	T
4250	5.4	9.15	0.56
4355	7.3	11.91	0.64
4500	6.6	10.50	0.74
4750	6.2	9.24	0.92
5000	6.5	9.27	1.10
5250	6.9	9.28	1.28
5500	7.2	9.31	1.44
5750	7.4	9.11	1.62
6000	7.7	9.14	1.80
6250	7.8	8.87	1.98
6500	8.0	8.71	2.16
6750	8.2	8.57	2.36
7000	8.4	8.47	2.54
7250	8.6	8.38	2.74
7500	8.6	8.11	2.94
7624	8.6	8.04	3.04
7750	8.5	7.79	3.16
8000	8.4	7.40	3.38
8250	8.2	7.00	3.62
8500	8.1	6.70	3.86
8750	7.6	6.15	4.12
9000	7.4	5.79	4.40
9250	7.0	5.37	4.70
9500	6.9	5.13	5.02
9750	6.6	4.76	5.38
10000	6.1	4.29	5.78
10250	5.3	3.67	6.24
10500	4.7	3.16	6.74

LOSSES: 0.0 HP
 TOTAL ENGINE: 8.6 HP
 0.0 N*M*MM
 11.91 N*M*MM

Lampiran 27 Grafik Hasil Dynotest CDI STD, COIL UP dan BUSI UP



Lampiran 28 Grafik Hasil Dynotest CDI STD, COIL UP dan BUSI UP

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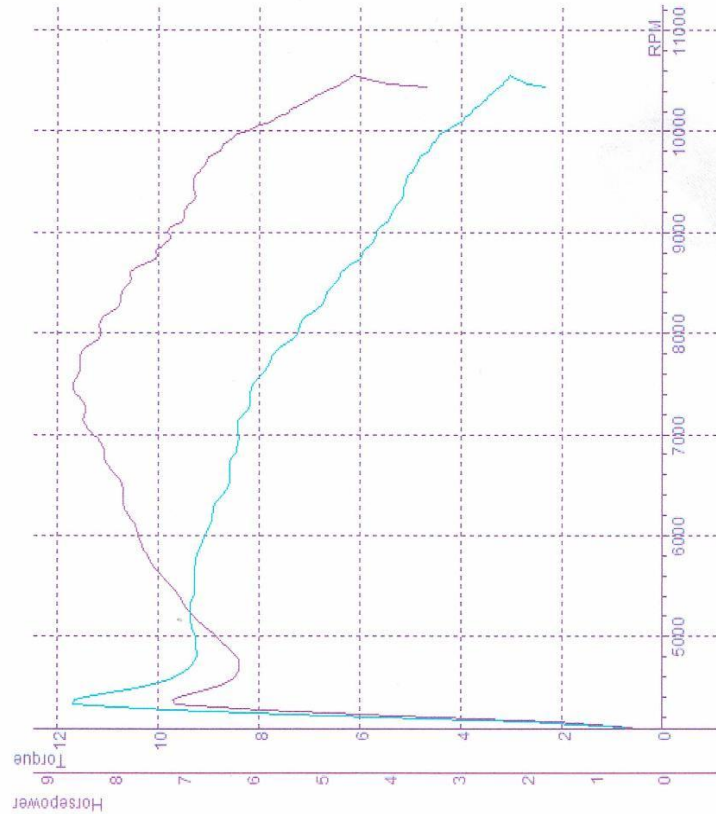
Dyno Centre & Motorcycle Research Support

Jl. Ringroad Selatan, Kemaran, Singaperbangsa, Bantuntapan,
Makassar, Indonesia
Telp 1. 62. 274. 8330323

SPORTDYN0 V3.3
DYNAMOMETER: REXTOR PRO DYNO
ROLLER INERTIA: 1,446

Displacement Correction
Correction Factor: ISO 1585

TEST NAME | MAX POWER. | MAX TORQUE | Temp. °C | Humidity % | Pressure | KMH | Date/Time
 JUPITER T099 | 8.6 (8.6) / 7476 | 11.69 (11.69) / 4333 | 30.6 °C | 53 % | 1000.0 mbar | 93.9 | 05/03/2018 16:20:28



DATA FOR TEST: JUPITER T099

Comments
PREMIUM CDI STD COIL UP BUSI UP

RPM	HP (HP)Q (N*M*MM)	T
4250	5.8	9.79
4333	7.1	11.69
4500	6.5	10.19
4750	6.2	9.24
5000	6.5	9.26
5250	6.9	9.37
5500	7.2	9.27
5750	7.5	9.24
6000	7.7	9.03
6250	7.8	8.89
6500	7.9	8.59
6750	8.1	8.53
7000	8.3	8.42
7250	8.4	8.21
7476	8.6	8.14
7500	8.6	8.11
7750	8.5	7.74
8000	8.2	7.24
8250	7.9	6.80
8500	7.8	6.47
8750	7.4	5.95
9000	7.2	5.66
9250	6.9	5.28
9500	6.8	5.07
9750	6.5	4.73
10000	6.1	4.28
10250	5.3	3.62
10500	4.6	3.09

LOSSES: 0.0N*M*MM
 TOTAL ENGINE: 8.6HP
 11.69N*M*MM

Lampiran 29 Grafik Hasil Dynotest CDI STD, COIL UP dan BUSI UP



Lampiran 30 Grafik Hasil Dynotest CDI STD, COIL UP dan BUSI UP

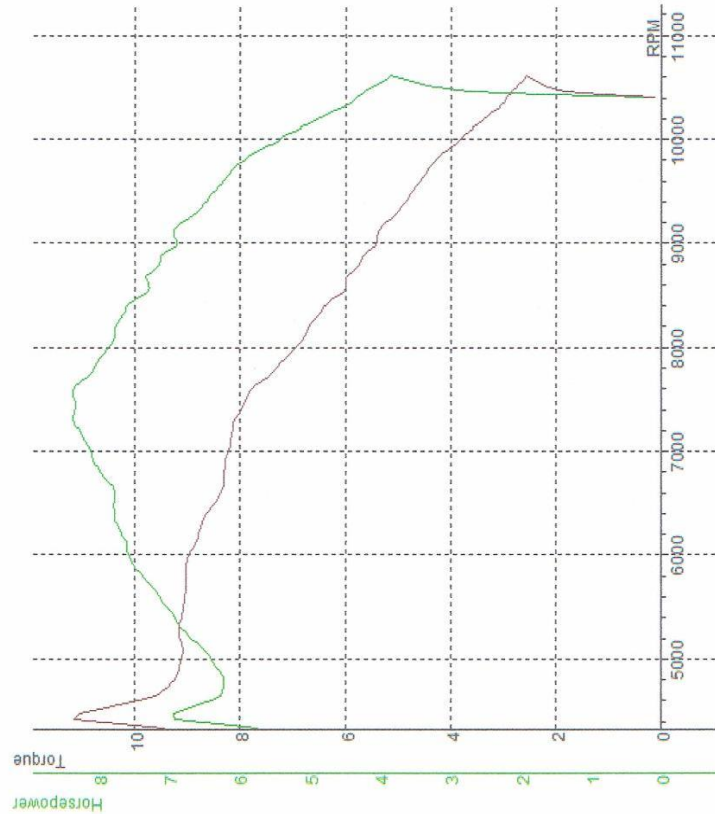
Mototech Indonesia

Dyno Centre & Motorcycle Research Support
 Jl. Raya Kichik, Kecamatan Singaperbangsa, Bantul, Yogyakarta, Indonesia
 Telp: +62.274.555353

SPORTDYN V3.3
DYNAMOMETER: REKTOR PRO DYN0
ROLLER INERTIA: 1.446

Displacement Correction
 Correction Factor: ISO 1585

TEST NAME: JUPITER T070 | MAX POWER: 8.4 (10.07/7588) | Temp. °C: 30.7°C | Humidity: %: 51% | Pressure: 1000.0 mbar | KMH: 93.7 | Date/Time: 05/03/2018 15:42:11



DATA FOR TEST: JUPITER T070

Comments: PREMIUM CDI STD COIL UP BUSI STD

RPM	HP (HP@Q) (N*M*M)	T
4250	6.3	10.29
4438	7.0	11.18
4500	6.8	10.79
4750	6.2	9.30
5000	6.4	9.10
5250	6.8	9.16
5500	7.0	9.09
5750	7.3	9.03
6000	7.6	8.95
6250	7.7	8.75
6500	7.8	8.45
6750	8.0	8.32
7000	8.1	8.20
7250	8.3	8.14
7500	8.3	7.87
7588	8.4	7.81
7750	8.1	7.37
8000	7.8	6.91
8250	7.7	6.58
8500	7.3	6.10
8750	7.2	5.79
9000	6.9	5.40
9250	6.7	5.07
9500	6.3	4.69
9750	6.0	4.36
10000	5.4	3.80
10250	4.7	3.25
10500	4.1	2.75

LOSSES: -1.1N*M*M
 TOTAL ENGINE: 10.0HP
 -1.1N*M*M
 12.29N*M*M

Lampiran 31 Grafik Hasil Dynotest CDI STD, COIL UP dan BUSI STD



Lampiran 32 Grafik Hasil Dynotest CDI STD, COIL UP dan BUSI STD

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Indonesia

Dyno Centre & Motorcycle Research Support
Jl. Ringroad Selatan, Kemaren, Singaperbangsa, Banguntapan,
Bantul, Yogyakarta
Telp 1 +62 274 636633

SPORTDINO V3.3
DYNAMOMETER: REXTOR PRO DYN0
ROLLER INERTIA: 1.446

Displacement Correction:
Correction Factor: ISO 1585

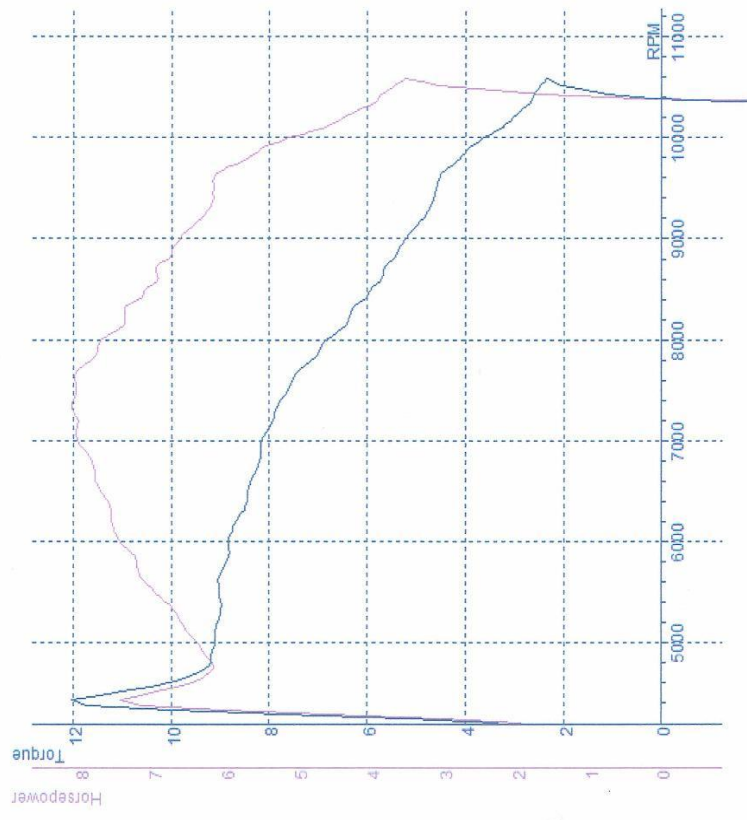
TEST NAME | MAX TORQUE | Temp. °C | Humidity % | Pressure | KM/H | Date/Time
 JUPITER T068 | 12.03 (16.65)/4422 | 30.7 °C | 51 % | 1000.0 mbar | 93.7 | 05/03/2018 15:41:39

DATA FOR TEST: JUPITER T068

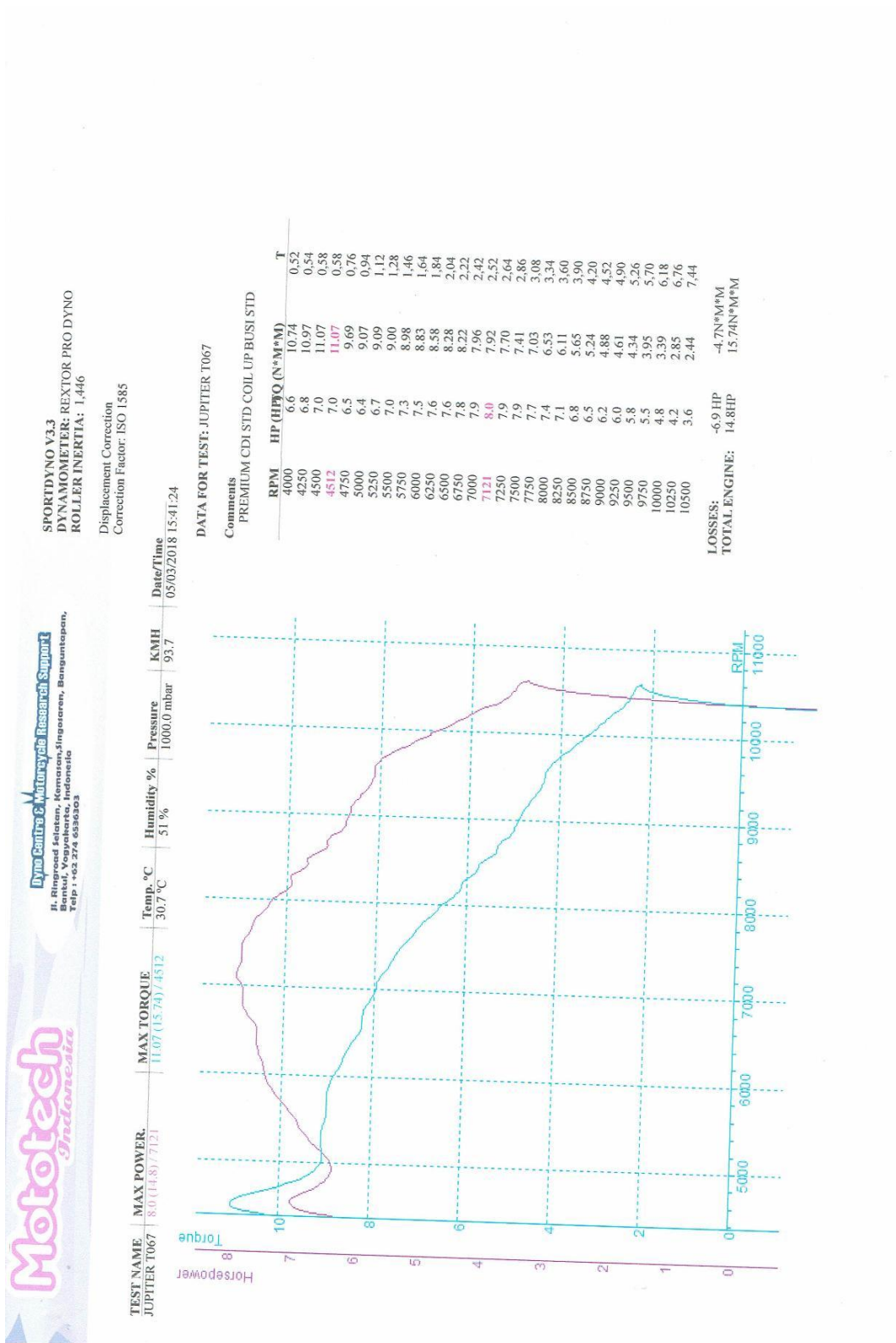
Comments
PREMIUM CDI STD COIL UP BUSI STD

RPM	HP (HPQ (N*M*M))	T
4250	4.1	6.97
4422	7.5	12.03
4500	7.0	11.02
4750	6.2	9.23
5000	6.4	9.11
5250	6.7	9.01
5500	7.0	9.02
5750	7.2	8.93
6000	7.5	8.84
6250	7.6	8.59
6500	7.8	8.43
6750	7.8	8.21
7000	8.0	8.14
7250	8.1	7.90
7320	8.1	7.86
7500	8.1	7.60
7750	7.9	7.16
8000	7.7	6.82
8250	7.4	6.34
8500	7.1	5.89
8750	6.9	5.58
9000	6.6	5.19
9250	6.3	4.80
9500	6.2	4.58
9750	5.8	4.20
10000	5.0	3.55
10250	4.2	2.89
10500	3.7	2.49

LOSSES: -6.8 HP -4.7N*M*M
 TOTAL ENGINE: 15.0HP 16.69N*M*M



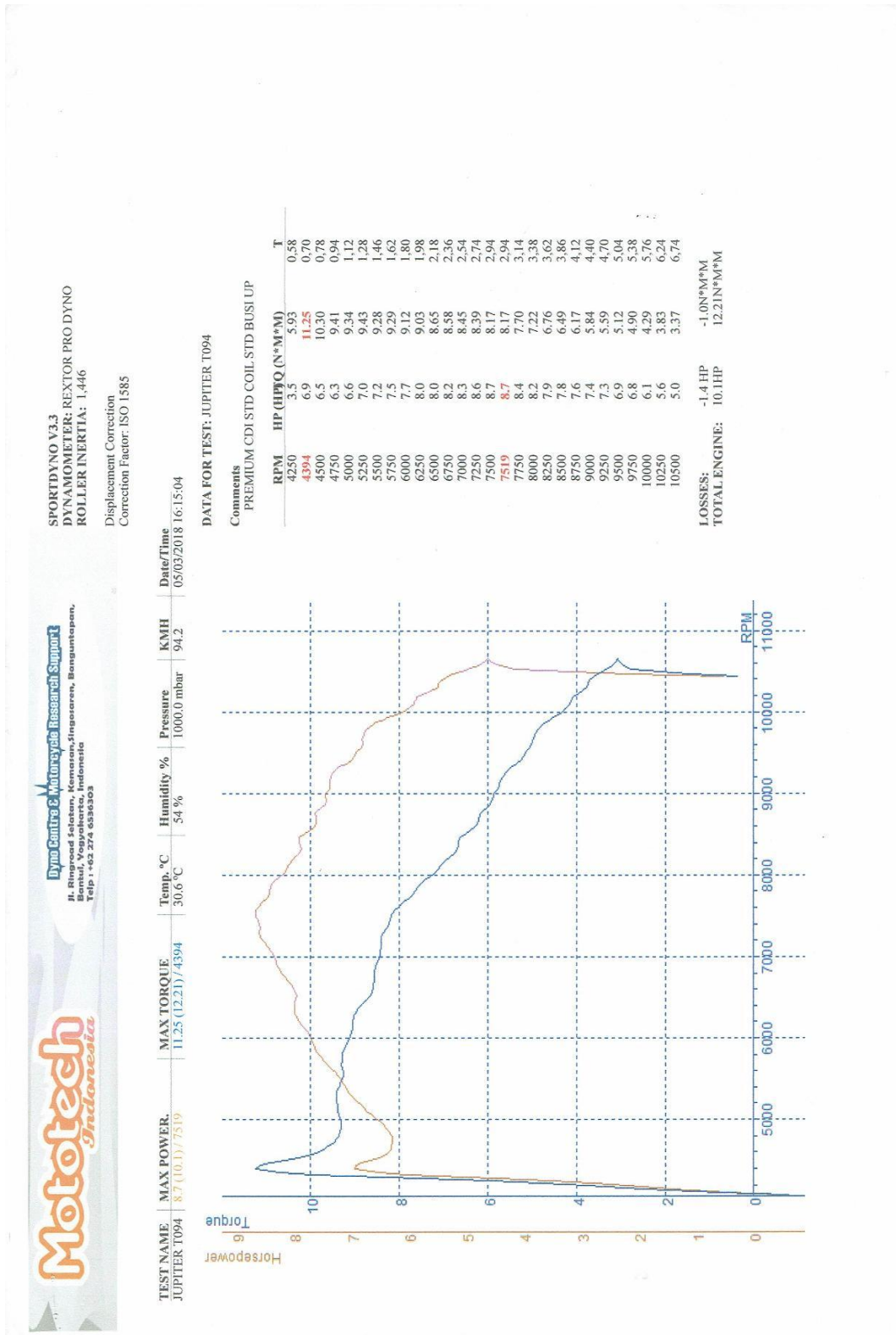
Lampiran 33 Grafik Hasil Dynotest CDI STD, COIL UP dan BUSI STD



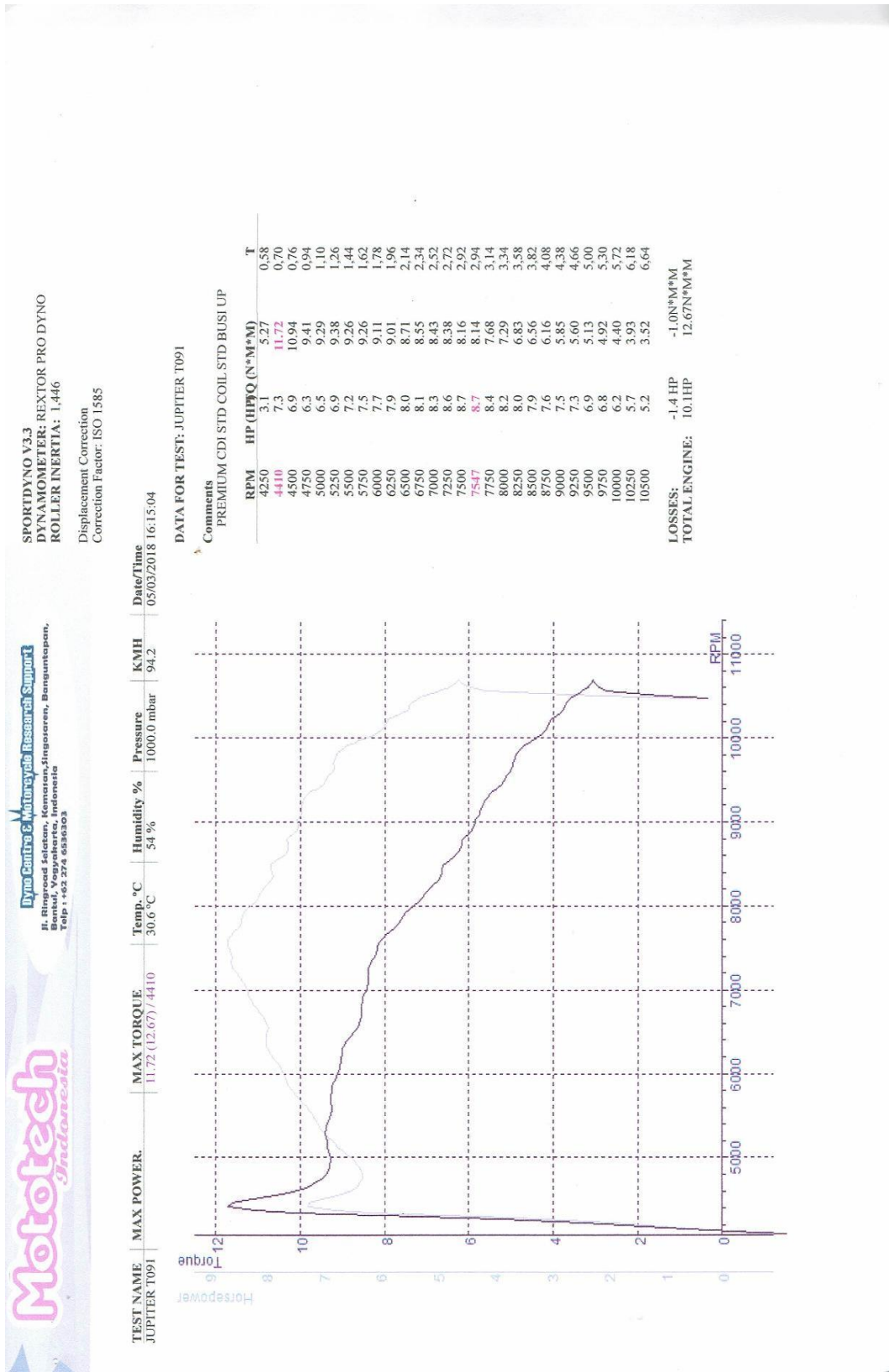
Lampiran 34 Grafik Hasil Dynotest CDI STD, COIL UP dan BUSI STD



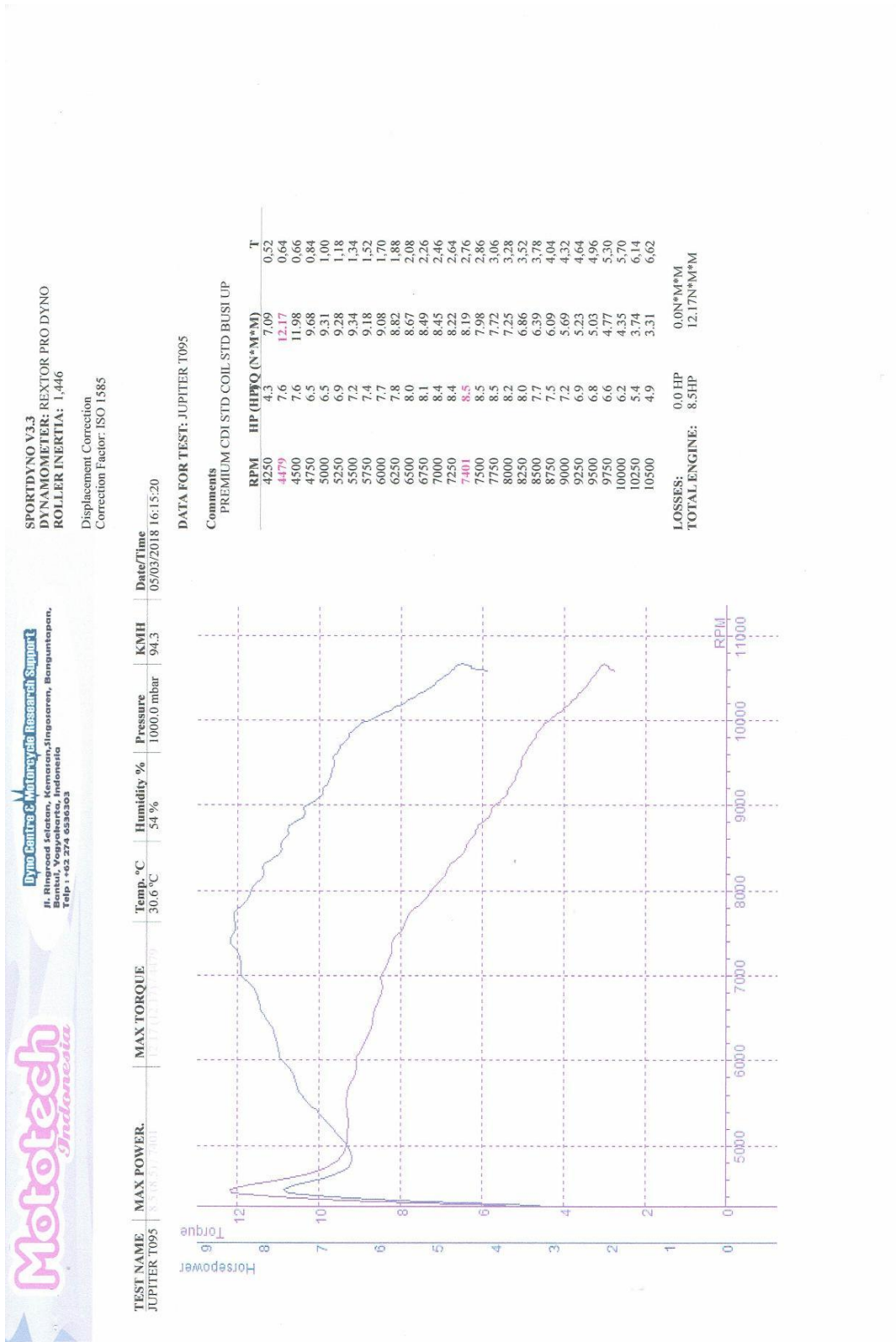
Lampiran 35 Grafik Hasil Dynotest CDI STD, COIL UP dan BUSI STD



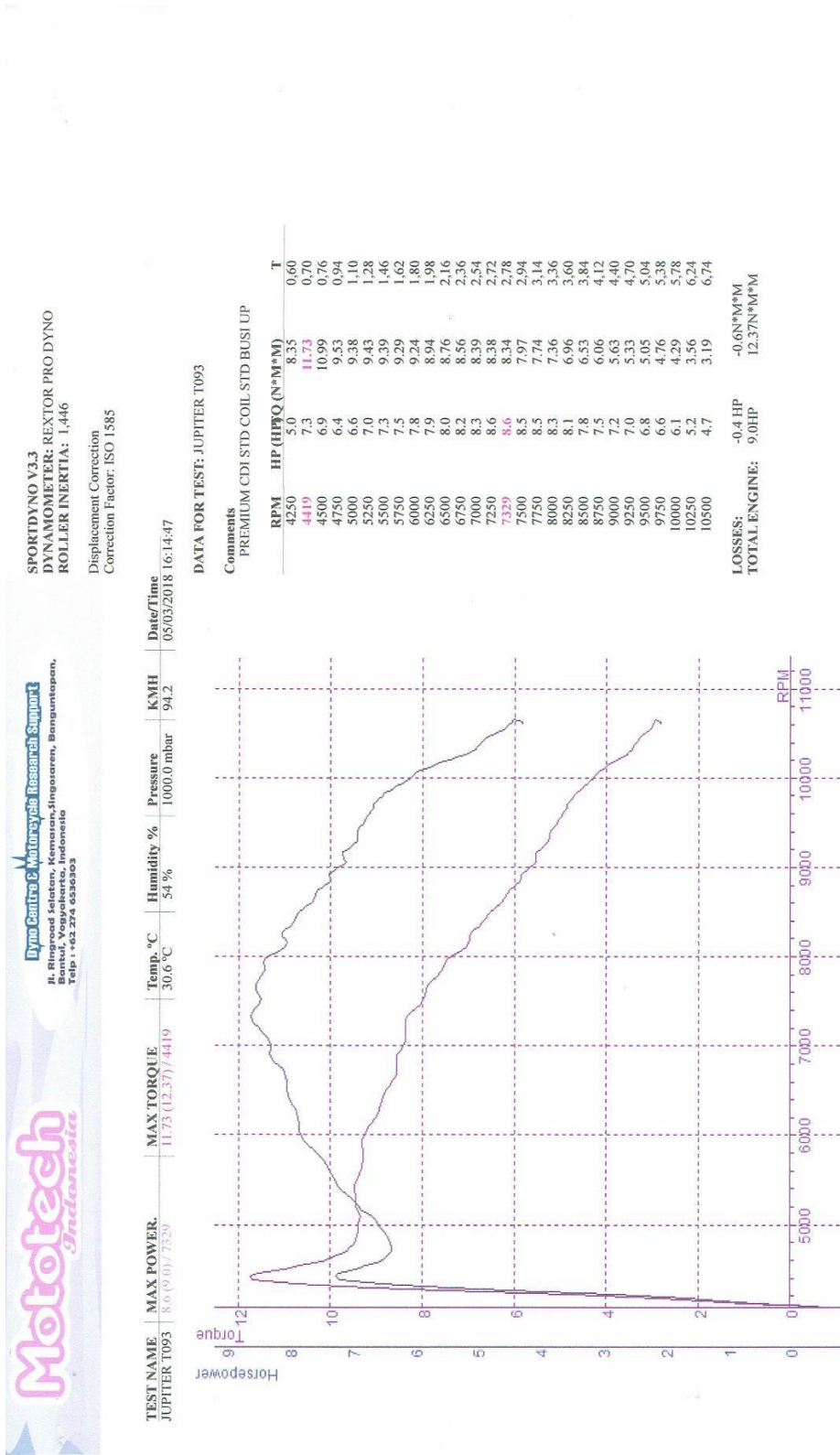
Lampiran 36 Grafik Hasil Dynotest CDI STD, COIL STD dan BUSI UP



Lampiran 37 Grafik Hasil Dynotest CDI STD, COIL STD dan BUSI UP



Lampiran 38 Grafik Hasil Dynotest CDI STD, COIL STD dan BUSI UP



Lampiran 39 Grafik Hasil Dynotest CDI STD, COIL STD dan BUSI UP

Mototech Indonesia

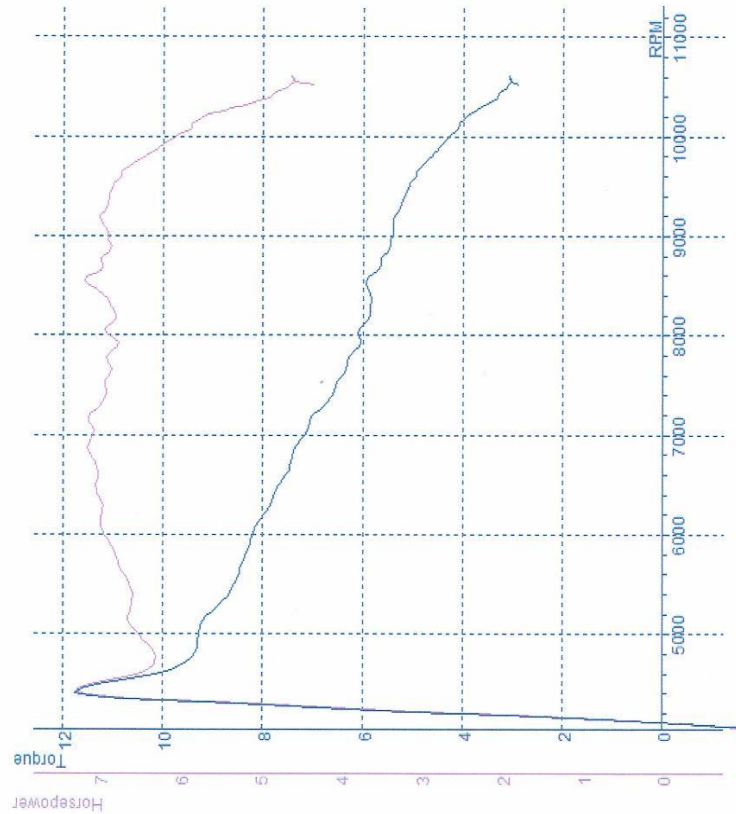
Dyno Centre & Motorcycle Research Support

Jl. Pahlawan Selatan, Kecamatan Tinggipareren, Buntara, Kabupaten, Bantul, Yogyakarta, Indonesia
Telp: +62.274.656363

SPORTDYNO V3.3
DYNAMOMETER: REXTOR PRO DYNO
ROLLER INERTIA: 1,446

Displacement Correction
Correction Factor: ISO 1585

TEST NAME: JUPITER T092 | MAX POWER: 11.79 (12.21) / 4427 | Temp °C: 30.6 °C | Humidity %: 54 % | Pressure: 1000.0 mbar | KMH: 93.8 | Date/Time: 05/05/2018 16:14:31



DATA FOR TEST: JUPITER T092

Comments	RPM	HP (HP)	TQ (N*M)	T
PREMIUM CDI STD COIL STD BUSI UP	4250	4.1	6.94	0.60
	4427	7.3	11.79	0.72
	4427	7.3	11.79	0.72
	4500	6.9	10.97	0.78
	4750	6.3	9.40	0.96
	5000	6.5	9.27	1.12
	5250	6.6	8.94	1.30
	5500	6.6	8.54	1.50
	5750	6.8	8.35	1.70
	6000	6.9	8.21	1.88
	6250	7.0	7.90	2.08
	6500	7.0	7.66	2.30
	6750	7.1	7.42	2.52
	7000	7.1	7.15	2.74
	7250	7.0	6.86	2.98
	7500	6.9	6.55	3.22
	7750	6.9	6.30	3.48
	8000	6.9	6.08	3.74
	8250	6.8	5.85	4.02
	8500	7.1	5.93	4.30
	8750	7.0	5.63	4.60
	9000	6.9	5.40	4.88
	9250	6.9	5.27	5.20
	9500	6.8	5.06	5.52
	9750	6.5	4.70	5.88
	10000	6.0	4.24	6.28
	10250	5.5	3.76	6.72
	10500	4.6	3.12	7.28

LOSSES: -0.4N*M
TOTAL ENGINE: 7.6HP

Lampiran 40 Grafik Hasil Dynotest CDI STD, COIL STD dan BUSI UP