

SPORTDYNO V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53

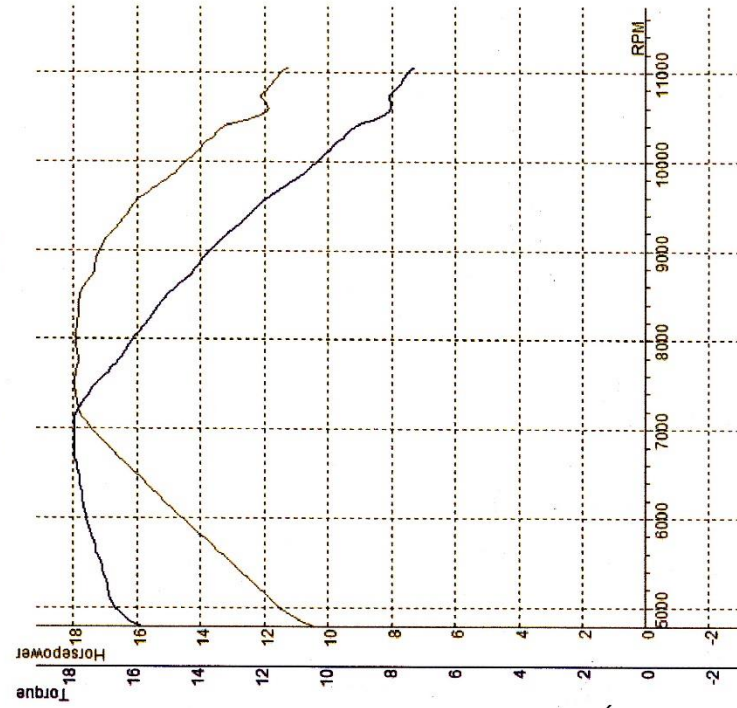
Displacement Correction  
 Correction Factor: ISO 1.85  
 NOTE: Load Cell Included.

TEST NAME: UMY DYNO TEST SECORPIYO T060 | MAX POWER: 18.0 (18.0) / 7530 | MAX TORQUE: 17.77 (17.77) / 7030 | Temp. °C: 33.8 °C | Humidity %: 41% | Pressure: 1000.0 mbar | KMH: 105.9 | Date/Time: 9/8/2018 11:10:51 AM



DATA FOR TEST: UMY DYNO TEST SECORPIYO T060

Comments  
 PERTAMAX/CDI STD



RPM	HP (HP)	(N*m)	T
4250	10.8	15.95	0.52
4500	11.0	16.13	0.54
4750	11.2	16.27	0.56
5000	11.5	16.49	0.60
5250	12.4	16.77	0.74
5500	13.0	16.93	0.84
5750	13.8	17.16	0.96
6000	14.7	17.39	1.08
6250	15.4	17.52	1.20
6500	16.1	17.62	1.30
6750	16.8	17.74	1.42
7000	17.5	17.77	1.54
7250	17.9	17.50	1.66
7500	18.0	17.02	1.78
7530	18.0	17.02	1.78
7750	17.9	16.37	1.90
8000	17.9	15.87	2.04
8250	17.9	15.39	2.16
8500	17.8	14.87	2.30
8750	17.4	14.06	2.46
9000	17.1	13.46	2.62
9250	16.6	12.74	2.78
9500	16.1	11.99	2.96
9750	15.3	11.08	3.14
10000	14.4	10.15	3.36
10250	13.7	9.47	3.56
10500	12.2	8.20	3.82
10750	12.1	7.93	4.08
11000	11.4	7.33	4.36

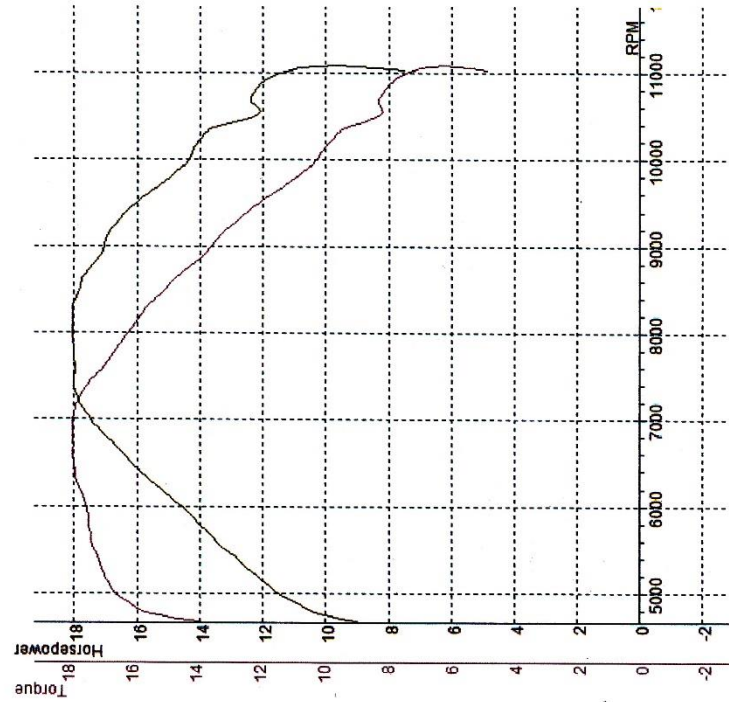
LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.0 HP  
 0.0 N\*m\*PM  
 17.77 N\*m\*PM



SPORTDYN V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53

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

TEST NAME: UMY DYN TEST SECORPHYO T061 | MAX POWER: 18.11 (8.1) / 8192 | Temp. °C: 33.8 °C | Humidity %: 41% | Pressure: 1000.0 mbar | KMH: 106.1 | Date/Time: 5/8/2018 11:11:07 AM



DATA FOR TEST: UMY DYN TEST SECORPHYO T061

Comments  
 PER/TAMA X/CDI/STD

RPM	HP (HP)	(N*M*M)	T
4250	9.5	14.51	0.52
4500	10.0	15.07	0.54
4750	10.4	15.49	0.56
5000	11.6	16.54	0.68
5250	12.4	16.86	0.78
5500	13.2	17.14	0.90
5750	13.9	17.28	1.02
6000	14.7	17.40	1.14
6250	15.4	17.63	1.24
6500	16.2	17.78	1.36
6750	16.9	17.80	1.48
6916	17.82	17.82	1.54
7000	17.6	17.77	1.60
7250	17.9	17.99	1.70
7500	18.0	18.00	1.84
7750	18.0	18.00	1.96
8000	18.0	18.00	2.08
8192	18.11	18.11	2.18
8250	18.1	18.11	2.22
8500	17.8	17.80	2.36
8750	17.5	17.50	2.50
9000	17.0	17.00	2.66
9250	16.6	16.60	2.84
9500	15.9	15.90	3.02
9750	15.1	15.10	3.20
10000	14.3	14.30	3.40
10250	13.9	13.90	3.62
10500	12.2	12.20	3.88
10750	12.3	12.30	4.12
11000	11.5	11.50	4.40

LOSSES: 0.0 N\*M/M  
 TOTAL ENGINE: 18.1 HP  
 17.82 N\*M/M

SPORTDYN V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53

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

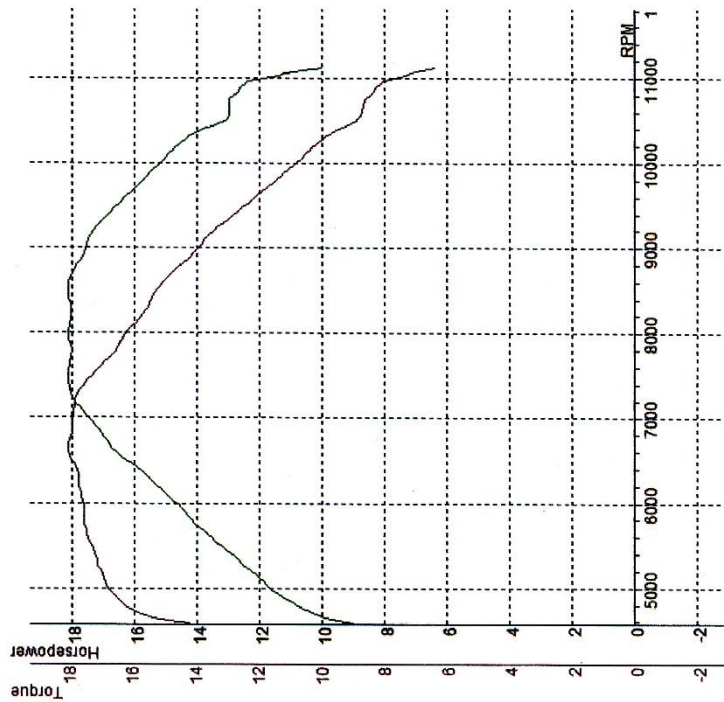
TEST NAME: UMY DYN TEST SECORPHYO T062 | MAX POWER: 18.1 (18.1) / 8519 | MAX TORQUE: 17.96 (17.96) / 6638 | Pressure: 1000.0 mbar | KMH: 106.4 | Date/Time: 5/8/2018 11:11:21 AM  
 Temp. °C: 33.8 °C | Humidity %: 41%

DATA FOR TEST: UMY DYN TEST SECORPHYO T062

Comments  
 PERTAMAX/CDI STD

RPM	HP (HP)	(N*M/M)	T
4250	9.5	14.75	0.52
4500	9.9	15.24	0.54
4750	10.7	16.07	0.60
5000	11.7	16.71	0.72
5250	12.6	17.00	0.84
5500	13.2	17.20	0.94
5750	14.1	17.43	1.06
6000	14.7	17.47	1.18
6250	15.5	17.61	1.30
6500	16.3	17.85	1.40
6638	16.7	17.96	1.46
6750	17.0	17.85	1.52
7000	17.5	17.78	1.64
7250	18.0	17.61	1.76
7500	18.1	17.11	1.88
7750	18.0	16.48	2.00
8000	18.1	16.08	2.12
8250	18.0	15.50	2.26
8500	18.1	15.11	2.40
8519	18.1	15.11	2.40
8750	17.9	14.50	2.54
9000	17.5	13.78	2.70
9250	17.2	13.12	2.86
9500	16.5	12.33	3.02
9750	15.8	11.50	3.20
10000	15.2	10.72	3.40
10250	14.5	10.02	3.60
10500	13.1	8.83	3.84
10750	13.0	8.52	4.08
11000	11.9	7.62	4.36

LOSSES: 0.0 HP 0.0N\*M/M  
 TOTAL ENGINE: 18.1HP 17.96N\*M/M

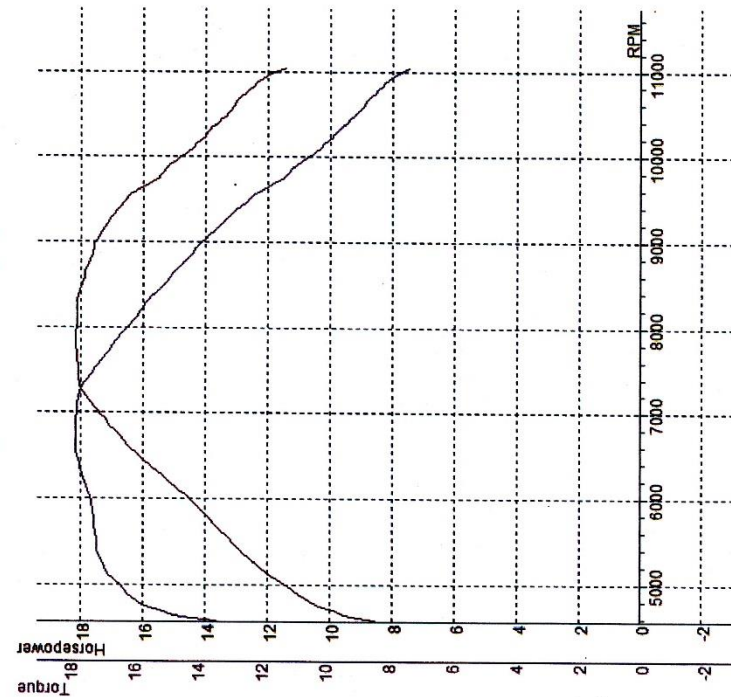




SPORTDYN0 V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME: UMY DYNO TEST SECORPIYO T064 | MAX POWER: 17.79 (17.79) / 6623 | Temp. °C: 33.8 °C | Humidity: %: 41% | Pressure: 10000.0 mbar | KMH: 105.7 | Date/Time: 5/8/2018 11:11:50 AM

DATA FOR TEST: UMY DYNO TEST SECORPIYO T064



Comments  
 PERTAMAX/CDI STD

RPM	HP (HPQ (N*M*M))	T
4250	9.1	14.12
4500	9.5	14.69
4750	10.5	15.69
5000	11.6	16.47
5250	12.5	16.96
5500	13.2	17.11
5750	13.8	17.21
6000	14.6	17.30
6250	15.4	17.56
6500	16.3	17.76
6623	16.5	17.79
6750	16.8	17.77
7000	17.5	17.75
7250	18.0	17.62
7500	18.1	17.14
7750	18.2	16.66
8000	18.2	16.52
8250	18.1	16.07
8500	18.0	15.62
8750	17.7	15.00
9000	17.5	14.32
9250	17.1	13.81
9500	16.5	13.07
9750	15.5	12.28
10000	14.7	11.25
10250	14.0	10.42
10500	13.3	9.63
10750	12.7	8.95
11000	11.6	8.33
		7.47
		4.42

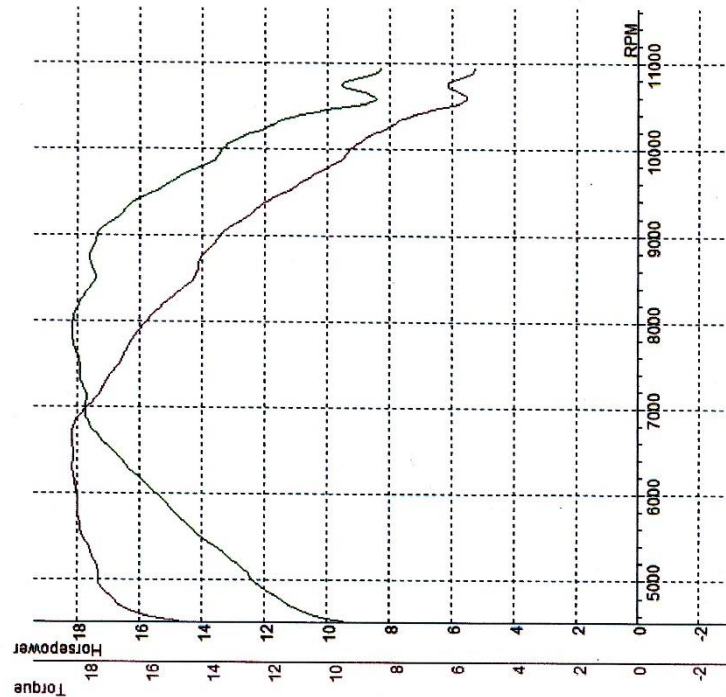
LOSSES: 0.0 N\*M\*M  
 TOTAL ENGINE: 18.2HP  
 17.79N\*M\*M



SPORTDYN0 V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell included.

TEST NAME: UMY DYNO TEST SECORPHYO T118 | MAX POWER: 18.2 (18.2) / 7878 | MAX TORQUE: 18.37 (18.37) / 6593 | Pressure: 1000.0 mbar | KMH: 106.9 | Date/Time: 5/8/2018 2:54:13 PM  
 Humidity: 39% | Temp: 35.0 °C

DATA FOR TEST: UMY DYNO TEST SECORPHYO T118



Comments  
 PERTAMAX 92/REXTOR MAP I

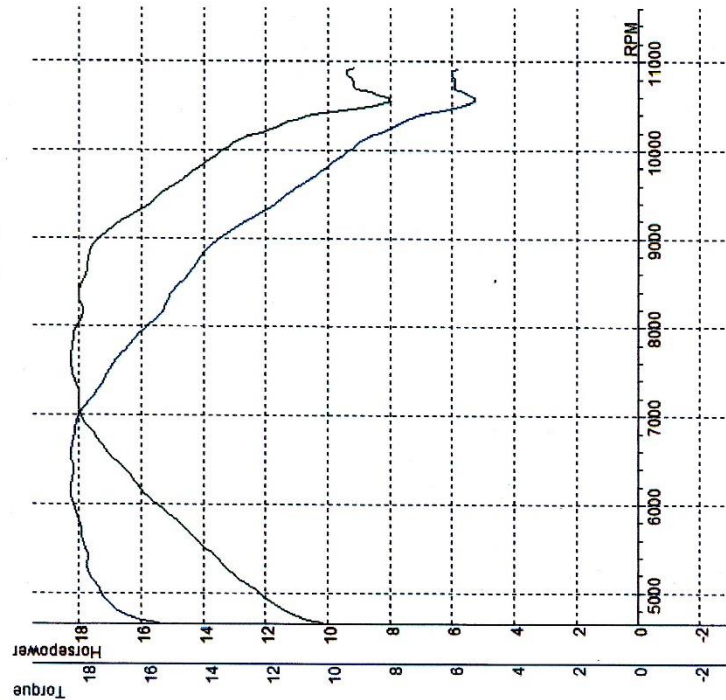
RPM	HP (HPQ) (N*M/M)	T
4250	10.0	15.69
4500	10.4	16.17
4750	11.4	17.18
5000	12.4	17.70
5250	13.2	17.89
5500	14.2	18.27
5750	14.8	18.37
6000	15.5	18.43
6250	16.3	18.55
6500	16.9	18.53
6593	17.2	18.57
6750	17.6	18.52
7000	17.8	18.04
7250	17.8	17.51
7500	18.0	16.97
7750	18.2	16.64
7878	18.2	16.44
8000	18.1	16.09
8250	17.9	15.36
8500	17.4	14.50
8750	17.6	14.28
9000	17.4	13.66
9250	16.5	12.65
9500	15.6	11.61
9750	14.3	10.39
10000	13.4	9.45
10250	12.0	8.27
10500	9.1	6.11
10750	9.5	6.25
10750	9.5	6.25

LOSSES: 0.0N\*M\*M  
 TOTAL ENGINE: 18.2HP  
 18.57N\*M\*M



SPORTDYNO V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME: UMY DYNOTEST SECORPIYO TH19 | MAX POWER: 18.3 (18.3)/7628 | MAX TORQUE: 18.35 (18.35)/6123 | Pressure: 1000.0 mbar | KMH: 106.8 | Date/Time: 5/8/2018 2:34:29 PM  
 UMY DYNOTEST SECORPIYO TH19 | 18.3 (18.3)/7628 | 18.35 (18.35)/6123 | 39% | 35.0 °C



DATA FOR TEST: UMY DYNOTEST SECORPIYO TH19

Comments  
 PERTAMAX 92/REXTOR MAP 1

RPM	HP (HP)	(N·M)	T
4250	10.6	16.22	0.52
4500	11.0	16.63	0.54
4750	11.3	16.91	0.56
5000	12.4	17.58	0.68
5250	13.2	17.97	0.78
5500	13.9	18.06	0.90
5750	14.7	18.22	1.02
6000	15.6	18.50	1.14
6123	15.9	18.58	1.18
6250	16.2	18.49	1.24
6500	16.9	18.52	1.36
6750	17.5	18.41	1.48
7000	18.0	18.22	1.60
7250	18.0	17.65	1.72
7500	18.2	17.27	1.84
7628	18.3	17.05	1.90
7750	18.2	16.65	1.98
8000	18.0	15.95	2.12
8250	17.9	15.43	2.24
8500	17.9	14.89	2.40
8750	17.7	14.37	2.54
9000	17.4	13.69	2.70
9250	16.2	12.41	2.90
9500	15.3	11.43	3.08
9750	14.3	10.38	3.30
10000	13.3	9.41	3.52
10250	11.7	8.07	3.78
10500	8.3	5.60	4.18
10750	9.2	6.01	4.54

LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.3 HP  
 0.0 N·M  
 18.55 N·M



SPORTDYN V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53

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

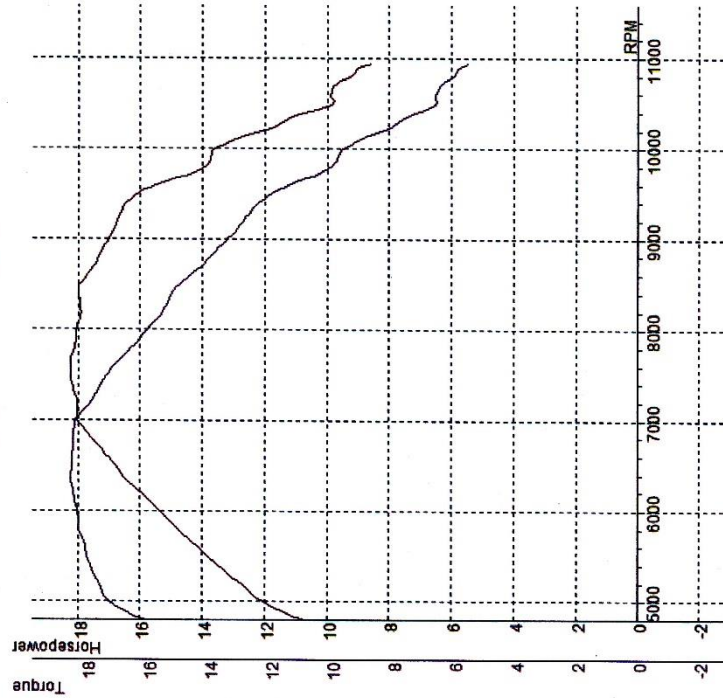
TEST NAME: UMY DYNOTEST SECORPIYO T120 | MAX POWER: 18.3 (18.3) / 7574 | MAX TORQUE: 18.54 (18.54) / 6356 | Pressure: 106.8 | Humidity: 39% | Temp: 35.0 °C | Date/Time: 5/8/2018 2:54:45 PM

DATA FOR TEST: UMY DYNOTEST SECORPIYO T120

RPM	HP (HP)	(N*M*M)	T
4500	11.3	16.47	0.52
4750	11.4	16.74	0.54
5000	12.1	17.29	0.60
5250	13.0	17.71	0.72
5500	13.9	18.01	0.84
5750	14.8	18.24	0.96
6000	15.4	18.31	1.06
6250	16.2	18.49	1.18
6356	16.3	18.54	1.22
6500	16.9	18.46	1.30
6750	17.5	18.44	1.40
7000	18.0	18.33	1.52
7250	18.1	17.75	1.64
7500	18.3	17.26	1.78
7574	18.3	17.17	1.80
7750	18.2	16.66	1.90
8000	18.0	16.01	2.04
8250	17.9	15.42	2.18
8500	17.9	14.87	2.34
8750	17.4	14.07	2.48
9000	17.0	13.39	2.64
9250	16.7	12.74	2.82
9500	16.1	11.97	3.00
9750	14.1	10.23	3.22
10000	13.6	9.64	3.44
10250	11.6	7.98	3.72
10500	9.8	6.57	4.06
10750	9.3	6.21	4.42

Comments  
 PERTAMAX 92/REXTOR MAP 1

LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.3 HP  
 0.0 N\*M\*M  
 18.54 N\*M\*M





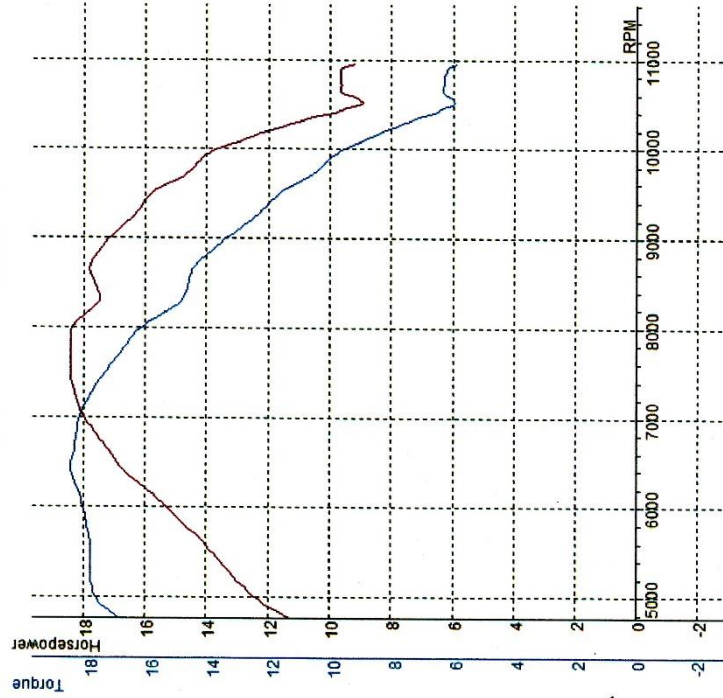
SPORTDYN V3.3  
 DYNAMOMETER: SD225  
 ROLLER INERTIA: 1.53

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

TEST NAME: UMY DYNNO TEST SECORPIYO TI21 | MAX POWER: 18.4 (18.4) / 7687 | MAX TORQUE: 18.62 (18.62) / 6443 | Pressure: 1000.0 mbar | KMH: 107.0 | Date/Time: 5/8/2018 2:55:03 PM  
 Temp: 35.0 °C | Humidity: 39%

DATA FOR TEST: UMY DYNNO TEST SECORPIYO TI21

Comments  
 PERTAMAX 92/REXTOR MAP 1



LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.4 HP  
 0.0 N\*M/M  
 18.62 N\*M/M





SPORTDYNOV3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Connection Factor: ISO 1585  
 NOTE: Load Cell Included.

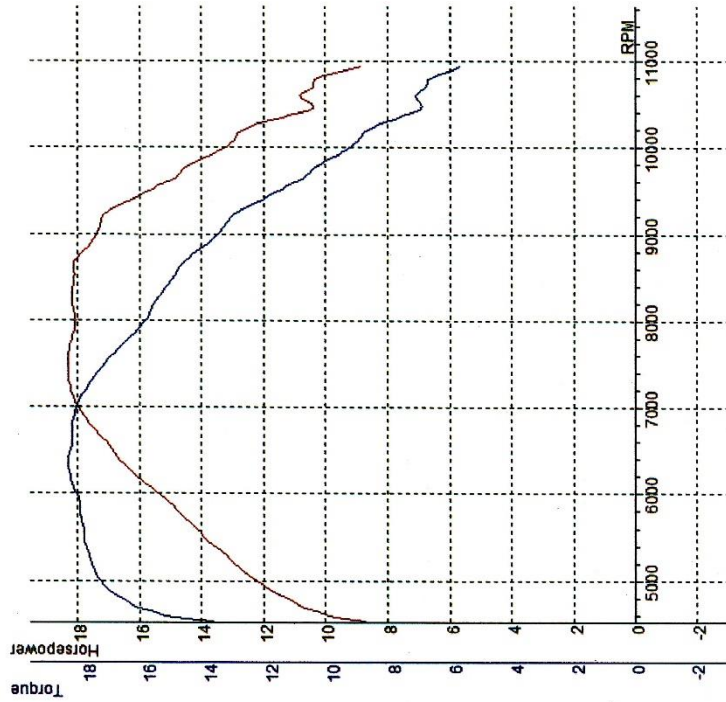
TEST NAME: UMY DYNOTEST SECORPIYO TI22 | MAX POWER: 18.3 (18.3) / 7550 | MAX TORQUE: 18.61 (18.61) / 6381 | Pressure: 10600.0 mbar | KMH: 106.9 | Date/Time: 5/8/2018 2:35:22 PM  
 Temp. °C: 35.0 °C | Humidity %: 39 %

DATA FOR TEST: UMY DYNOTEST SECORPIYO TI22

Comments  
 PERTAMAX 92/REXTOR MAP 1

RPM	HP (HPQ) (N°M°M)	T
4250	9.4	14.72
4500	9.9	15.40
4750	11.2	16.75
5000	12.4	17.58
5250	13.2	17.88
5500	13.9	18.08
5750	14.7	18.19
6000	15.5	18.35
6250	16.4	18.58
6381	16.6	18.61
6500	16.9	18.51
6750	17.5	18.46
7000	18.0	18.29
7250	18.3	17.89
7500	18.3	17.36
7550	18.3	17.27
7750	18.2	16.63
8000	18.1	15.99
8250	18.2	15.60
8500	18.1	15.07
8750	17.9	14.52
9000	17.4	13.67
9250	17.0	12.96
9500	15.7	11.70
9750	14.5	10.53
10000	13.2	9.29
10250	12.3	8.46
10500	10.5	7.03
10750	10.4	6.83

LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.3 HP  
 0.0 N°M°M  
 18.61 N°M°M





SPORTDYN V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction:  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

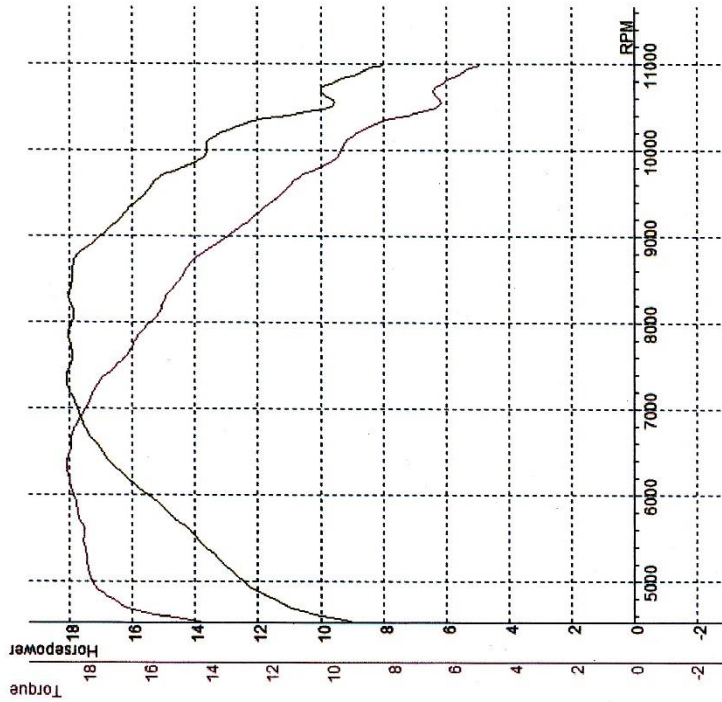
TEST NAME: UMY DYNOTEST SECORPIO TI25 | MAX POWER: 18.1 (18.1) / 7321 | MAX TORQUE: 18.69 (18.69) / 6358 | Pressure: 10000.0 mbar | Humidity: 40% | Temp: 35.2 °C | Date/Time: 5/8/2018 3:08:13 PM

DATA FOR TEST: UMY DYNOTEST SECORPIO TI25

Comments: PERTAMAX 92/REXTOR MAP 5

RPM	HP (HP)	(N*M*M)	T
4250	9.7	15.14	0.52
4500	10.2	15.80	0.54
4750	11.5	17.15	0.62
5000	12.5	17.84	0.72
5250	13.2	18.02	0.84
5500	14.0	18.12	0.96
5750	14.8	18.32	1.08
6000	15.5	18.45	1.18
6250	16.4	18.67	1.30
6358	16.6	18.69	1.34
6500	17.0	18.56	1.42
6750	17.5	18.45	1.52
7000	17.7	18.06	1.64
7250	18.0	17.73	1.76
7321	18.1	17.59	1.80
7500	17.9	16.99	1.90
7750	18.0	16.43	2.04
8000	17.9	15.80	2.18
8250	18.0	15.49	2.30
8500	17.9	14.89	2.46
8750	17.8	14.42	2.60
9000	16.9	13.28	2.78
9250	16.3	12.45	2.94
9500	15.5	11.54	3.14
9750	14.7	10.65	3.34
10000	13.6	9.64	3.56
10250	12.8	8.84	3.80
10500	9.6	6.44	4.14
10750	9.8	6.45	4.48

LOSSES: 0.0 N\*M\*M  
 TOTAL ENGINE: 18.1 HP  
 18.69 N\*M\*M

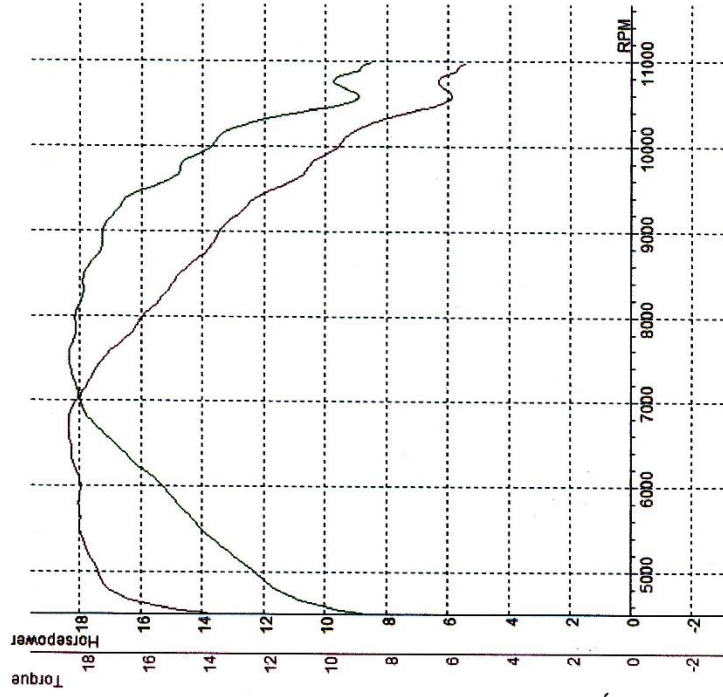




SPORTDYNNO V4.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53

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

TEST NAME | MAX POWER | MAX TORQUE | Temp. °C | Humidity % | Pressure | KMH | Date/Time  
 UMY DYNNO TEST SECORPHYO TI26 | 18.4 (18.4) / 7510 | 18.60 (18.60) / 6685 | 35.2 °C | 40 % | 1000.0 mbar | 107.0 | 3/8/2018 3:08:31 PM



DATA FOR TEST: UMY DYNNO TEST SECORPHYO TI26

Comments  
 PERTAMAX 92/REXTOR MAP 5

RPM	HP (HEQ)*(M*MM)	T
4250	9.5	14.91
4500	10.0	15.64
4750	11.4	17.10
5000	12.4	17.62
5250	13.3	18.01
5500	14.1	18.23
5750	14.7	18.25
6000	15.3	18.21
6250	16.3	18.47
6500	16.9	18.54
6685	17.4	18.60
6750	17.6	18.59
7000	18.0	18.28
7250	18.2	17.85
7500	18.4	17.42
7510	18.4	17.42
7750	18.1	16.60
8000	18.1	16.04
8250	17.9	15.35
8500	17.8	14.86
8750	17.3	14.01
9000	17.3	13.56
9250	16.8	12.83
9500	15.7	11.65
9750	14.7	10.67
10000	13.7	9.66
10250	12.5	8.60
10500	9.2	6.19
10750	9.7	6.40

LOSSES: 0.0 HP 0.0N\*M\*MM  
 TOTAL ENGINE: 18.4HP 18.60N\*M\*MM

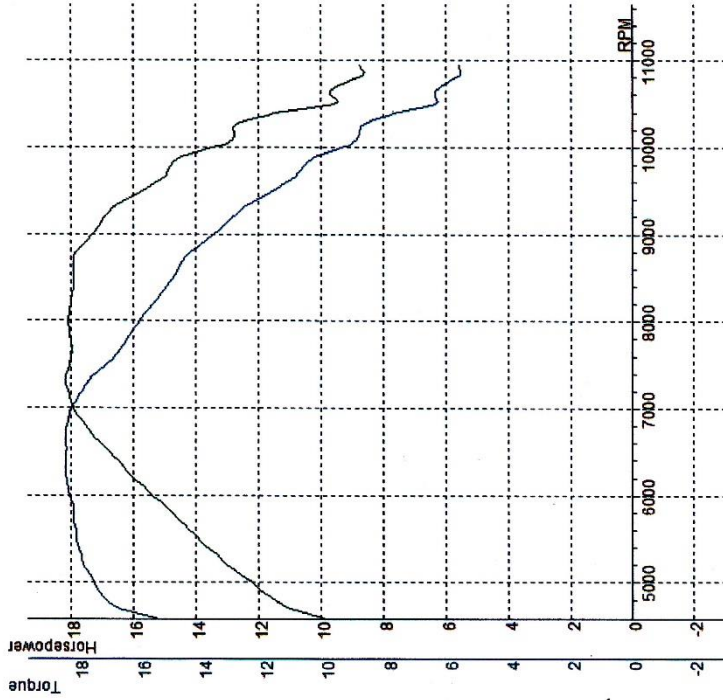


SPORTDYNO V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME: UMY DYNO TEST SECORPIYO T127  
 MAX POWER: 18.2 (18.2) / 7320  
 MAX TORQUE: 18.46 (18.46) / 6649

Pressure: 1000.0 mbar  
 Humidity: 40 %  
 Temp: 35.2 °C  
 KMH: 106.8  
 Date/Time: 5/8/2018 3:08:47 PM

DATA FOR TEST: UMY DYNO TEST SECORPIYO T127



Comments  
 PERTAMAX 92/REXTOR MAP 5

RPM	HP (HP)	(N*M*M)	T
4250	10.3	16.02	0.52
4500	10.7	16.41	0.54
4750	11.2	16.93	0.58
5000	12.2	17.53	0.70
5250	13.2	17.91	0.82
5500	14.0	18.09	0.94
5750	14.7	18.19	1.06
6000	15.4	18.31	1.16
6250	16.2	18.44	1.28
6500	16.8	18.42	1.40
6649	17.2	18.46	1.46
6750	17.5	18.39	1.52
7000	18.0	18.20	1.64
7250	18.2	17.76	1.76
7320	18.2	17.68	1.78
7500	18.0	17.07	1.88
7750	18.0	16.45	2.02
8000	18.1	16.04	2.14
8250	18.0	15.48	2.28
8500	17.9	14.90	2.44
8750	17.9	14.47	2.58
9000	17.3	13.59	2.74
9250	16.7	12.80	2.92
9500	15.7	11.68	3.10
9750	14.8	10.77	3.30
10000	13.2	9.35	3.54
10250	12.7	8.79	3.78
10500	9.5	6.35	4.12
10750	9.1	5.94	4.50

LOSSES: 0.0 N\*M\*M  
 TOTAL ENGINE: 18.2 HP  
 18.46 N\*M\*M

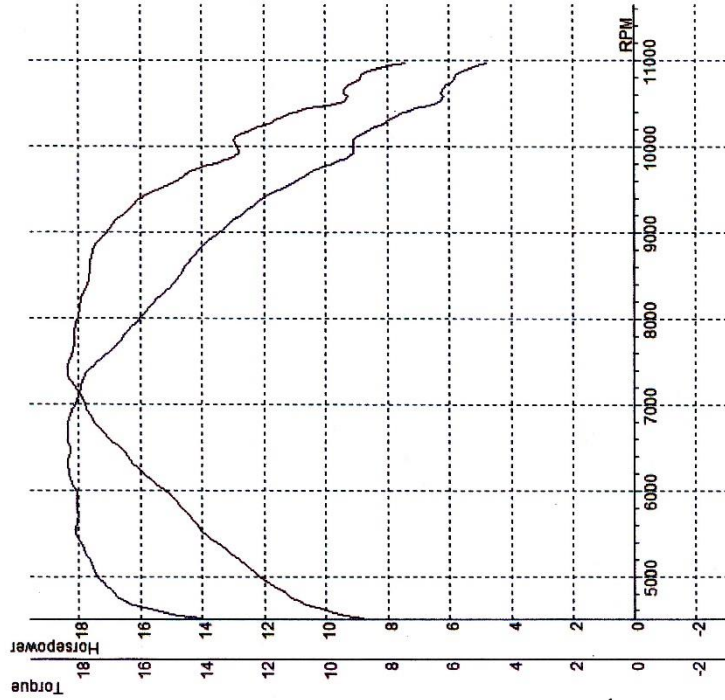


SPORTDYNO V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME: UMY DYNO TEST SECORPYO TI28 | MAX POWER: 18.4 (18.4) / 7361 | Temp. °C: 35.2 °C | Humidity %: 40 %  
 Pressure: 1000.0 mbar | KM/H: 106.9 | Date/Time: 5/8/2018 3:09:05 PM

DATA FOR TEST: UMY DYNO TEST SECORPYO TI28

Comments  
 PERTAMAX 92/REXTOR MAP 5



RPM	HP (HP)	(N*M/M)	T
4250	9.4	14.81	0.52
4500	9.9	15.42	0.54
4750	11.1	16.75	0.62
5000	12.2	17.44	0.74
5250	13.1	17.81	0.86
5500	14.0	18.14	0.98
6000	15.2	18.14	1.20
6250	16.1	18.38	1.32
6500	16.8	18.35	1.44
6706	17.3	18.41	1.52
6750	17.5	18.39	1.56
7000	17.9	18.09	1.68
7250	18.2	17.95	1.78
7361	18.4	17.77	1.84
7500	18.3	17.50	1.92
7750	18.1	16.64	2.04
8000	18.0	16.01	2.18
8250	17.9	15.39	2.32
8500	17.7	14.70	2.48
8750	17.6	14.23	2.62
9000	17.1	13.46	2.78
9250	16.4	12.55	2.96
9500	15.3	11.42	3.16
9750	14.0	10.12	3.38
10000	12.9	9.11	3.60
10250	11.9	8.16	3.88
10500	9.6	6.48	4.22
10750	9.1	5.94	4.58

LOSSES: 0.0N\*M/M  
 TOTAL ENGINE: 18.4HP  
 18.41N\*M/M



SPORTDYNO V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

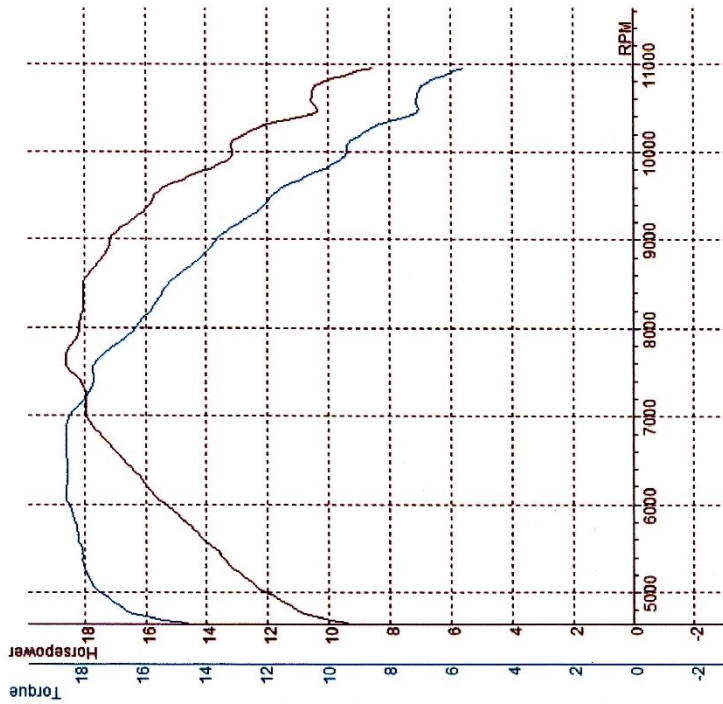
TEST NAME: UMY DYNO TEST SECORPIYO TI 29 | MAX POWER: 18.6 (18.6) / 7627 | MAX TORQUE: 18.40 (18.40) / 6142 | Pressure: 1000.0 mbar | KMH: 106.8 | Date/Time: 5/8/2018 3:09:23 PM  
 Humidity: 40 % | Temp: 35.2 °C

DATA FOR TEST: UMY DYNO TEST SECORPIYO TI 29

Comments: PERTAMAX 92/REXTOR MAP 5

RPM	HP (HP@)	(N*M*M)	T
4250	10.0	15.23	0.52
4500	10.4	15.81	0.54
4750	10.8	16.22	0.56
5000	12.2	17.36	0.68
5250	13.1	17.80	0.80
5500	13.9	17.93	0.92
5750	14.5	18.04	1.02
6000	15.4	18.32	1.14
6142	15.8	18.40	1.20
6250	16.1	18.33	1.26
6500	16.7	18.36	1.36
6750	17.4	18.38	1.48
7000	17.9	18.24	1.60
7250	18.0	17.63	1.72
7500	18.5	17.51	1.86
7627	18.6	17.39	1.90
7750	18.5	16.94	1.98
8000	18.1	16.07	2.12
8250	18.0	15.54	2.24
8500	18.0	15.02	2.40
8750	17.5	14.12	2.56
9000	17.1	13.46	2.72
9250	16.2	12.40	2.90
9500	15.7	11.67	3.08
9750	14.2	10.29	3.30
10000	13.1	9.29	3.52
10250	12.4	8.56	3.78
10500	10.4	7.00	4.08
10750	10.4	6.81	4.40

LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.6 HP  
 0.0N\*M\*M  
 18.40N\*M\*M



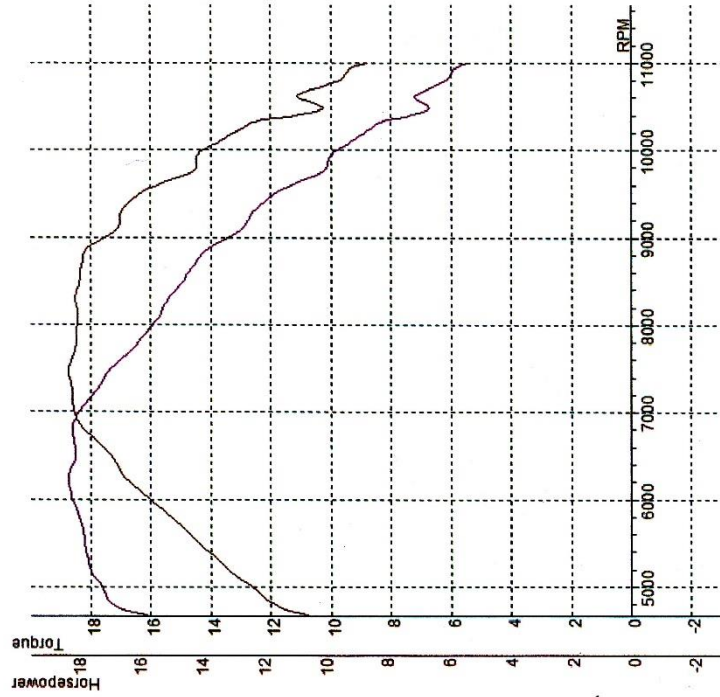


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**SPORTDYN0 V3.3**  
**DYNAMOMETER:** SD325  
**ROLLER INERTIA:** 1.53  
Displacement Correction  
Correction Factor: ISO 1585  
NOTE: Load Cell Included.

TEST NAME: UMY DYNO TEST SECORPHYO T107 | MAX POWER: 18.3 (18.3) / 7460 | MAX TORQUE: 18.76 (18.76) / 6236 | Temp. °C: 34.9 °C | Humidity %: 39 % | Pressure: 1000.0 mbar | KM/H: 107.1 | Date/Time: 5/8/2018 2:30:42 PM

DATA FOR TEST: UMY DYNO TEST SECORPHYO T107



Comments  
PERTAMAX 92/REXTOR MAP D

RPM	HP (HPQ (N*M*MM))	T
4250	10.9	16.61
4500	11.2	16.95
4750	11.5	17.19
5000	12.3	17.65
5250	13.3	18.09
5500	14.1	18.22
5750	14.9	18.40
6000	15.7	18.64
6236	16.4	18.76
6250	16.5	18.75
6500	16.9	18.52
6750	17.7	18.61
7000	18.1	18.33
7250	18.1	17.77
7460	18.3	17.41
7500	18.2	17.20
7750	18.0	16.48
8000	17.9	15.88
8250	18.0	15.47
8500	17.9	14.90
8750	17.8	14.42
9000	16.9	13.31
9250	16.5	12.62
9500	15.8	11.79
9750	14.2	10.28
10000	13.9	9.81
10250	12.6	8.64
10500	10.2	6.84
10750	9.7	6.38
11000	8.5	5.48

LOSSES: 0.0 HP  
TOTAL ENGINE: 18.3 HP  
0.0 N\*M\*MM  
18.76 N\*M\*MM

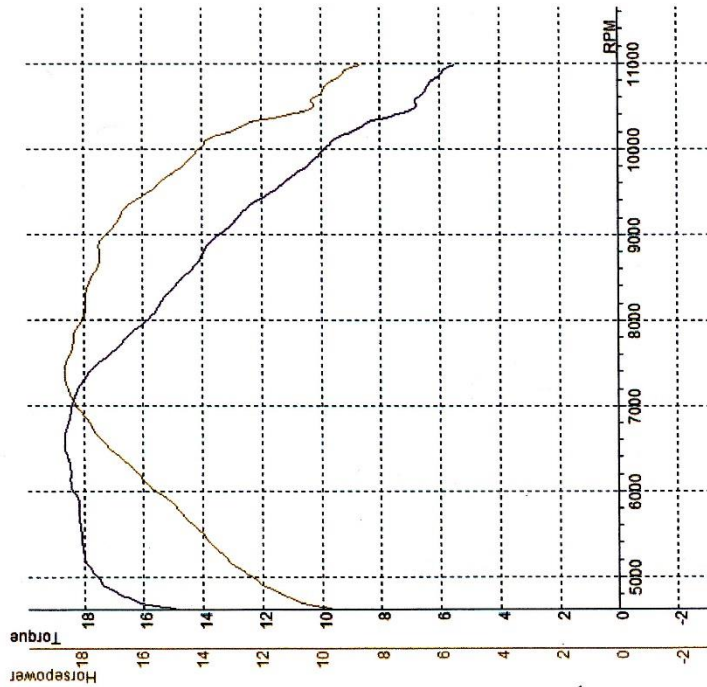


SPORTDYN0 V3.3  
 DYNAMOMETER: SD3225  
 ROLLER INERTIA: 1.53

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

TEST NAME: UMY DYN0 TEST SECORPHYO T108 | MAX POWER: 18.5 (18.5) @ 7420 | MAX TORQUE: 18.66 (18.66) @ 6535 | Temp °C: 34.9 °C | Humidity %: 39% | Pressure: 1000.0 mbar | KMH: 106.9 | Date/Time: 5/6/2018 2:30:57 PM

DATA FOR TEST: UMY DYN0 TEST SECORPHYO T108



Comments:  
 PERFORMAX 92/REXTOR.MAPD

RPM	HP (HP@N*M*M)	T (N*M*M)
4350	10.1	15.62
4500	10.6	16.10
4750	10.9	16.47
5000	13.3	17.58
5250	13.2	17.99
5500	14.0	18.08
5750	14.7	18.13
6000	13.4	18.36
6250	16.2	18.45
6500	17.1	18.66
6535	17.1	18.66
6750	17.5	18.55
7000	18.1	18.39
7250	18.4	18.07
7420	18.5	17.71
7500	18.4	17.35
7750	18.2	16.64
8000	17.8	15.81
8250	17.8	15.27
8500	17.5	14.56
8750	17.3	13.99
9000	17.1	13.45
9250	16.5	12.64
9500	15.5	11.54
9750	14.6	10.61
10000	13.9	9.80
10250	12.6	8.65
10500	10.1	6.81
10750	9.7	6.38

LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.5 HP  
 0.0 N\*M\*M  
 18.66 N\*M\*M



SPORTDYNOV3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53

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

Pressure 1000.0 mbar | KMH 106.7 | Date/Time 5/8/2018 2:31:12 PM

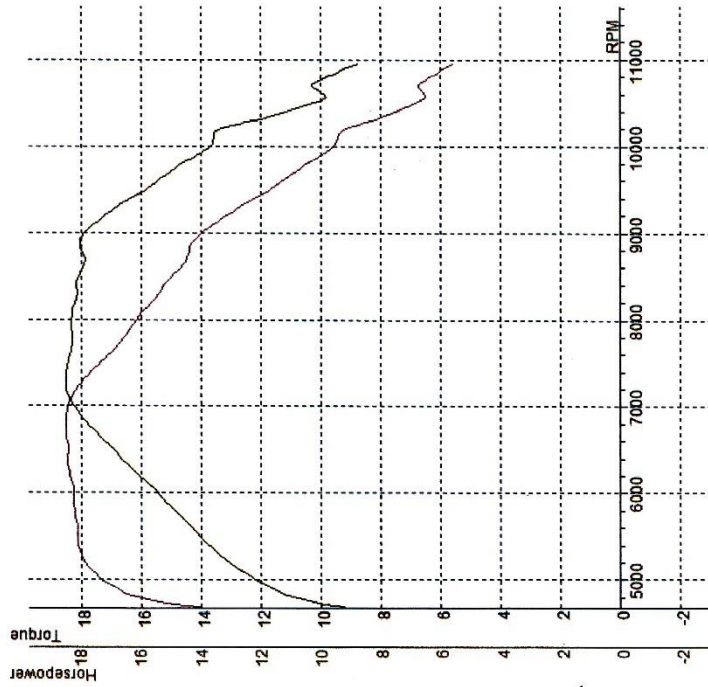
TEST NAME UMY DYNOTEST SECORPHYO T109 | MAX POWER 18.4 (18.4) / 7267 | MAX TORQUE 18.34 (18.34) / 6810 | Temp. °C 34.9 °C | Humidity % 39%

DATA FOR TEST: UMY DYNOTEST SECORPHYO T109

Comments  
 PERFORMAX 92/REXTOR MAPD

RPM	HP (HPQ)	(N*M*M)	T
4250	9.8	14.90	0.52
4500	10.4	15.39	0.54
4750	10.8	16.13	0.56
5000	12.2	17.37	0.66
5250	13.3	18.00	0.78
5500	13.9	18.12	0.88
5750	14.7	18.22	1.00
6000	15.4	18.25	1.12
6250	16.2	18.43	1.24
6500	16.8	18.44	1.34
6750	17.6	18.53	1.46
6810	17.7	18.54	1.48
7000	18.2	18.43	1.58
7250	18.4	18.02	1.70
7267	18.4	18.02	1.70
7500	18.3	17.34	1.82
7750	18.2	16.60	1.96
8000	18.2	16.16	2.08
8250	18.0	15.43	2.24
8500	17.9	14.90	2.38
8750	17.8	14.41	2.52
9000	17.7	13.91	2.68
9250	16.8	12.81	2.86
9500	15.6	11.65	3.04
9750	14.7	10.67	3.24
10000	13.6	9.61	3.46
10250	12.7	8.73	3.72
10500	10.0	6.75	4.04
10750	10.0	6.58	4.36

LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.4HP  
 0.0N\*M/M  
 18.54N\*M/M





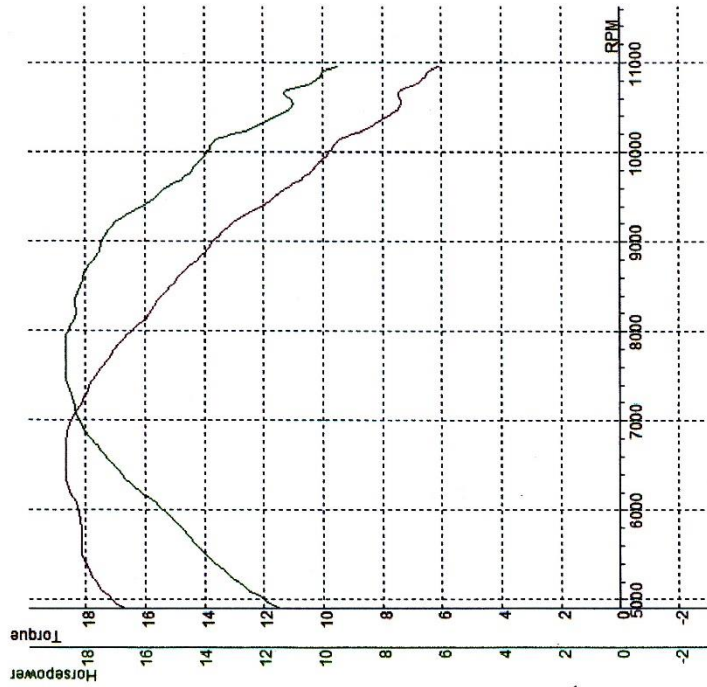
SPORTDYN0 V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53

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

TEST NAME: UMY DYN0 TEST SECORPIYO TH10 | MAX POWER: 18.6 (18.6) / 7883 | MAX TORQUE: 18.68 (18.68) / 6609 | Temp. °C: 34.9 °C | Humidity %: 39 % | Pressure: 1000.0 mbar | KMH: 107.0 | Date/Time: 5/8/2018 2:31:32 PM

DATA FOR TEST: UMY DYN0 TEST SECORPIYO TH10

Comments  
 PERTAMAX 92/REXTOR MAP D



RPM	HP (HP)	(N*M*MM)	T
4500	11.7	16.95	0.52
4750	11.9	17.09	0.54
5000	12.1	17.22	0.56
5250	13.2	17.82	0.68
5500	13.9	18.12	0.78
5750	14.6	18.15	0.90
6000	15.4	18.28	1.02
6250	16.3	18.60	1.12
6500	17.1	18.66	1.24
6609	17.3	18.68	1.28
6750	17.7	18.64	1.36
7000	18.1	18.47	1.46
7250	18.4	18.04	1.58
7500	18.6	17.57	1.72
7750	18.6	17.02	1.84
7883	18.6	16.79	1.90
8000	18.5	16.34	1.98
8250	18.3	15.73	2.10
8500	18.1	15.04	2.26
8750	17.7	14.39	2.40
9000	17.4	13.70	2.56
9250	16.7	12.79	2.74
9500	15.6	11.60	2.92
9750	14.4	10.44	3.14
10000	13.9	9.82	3.34
10250	12.4	8.56	3.60
10500	11.0	7.32	3.88
10750	10.5	6.86	4.20

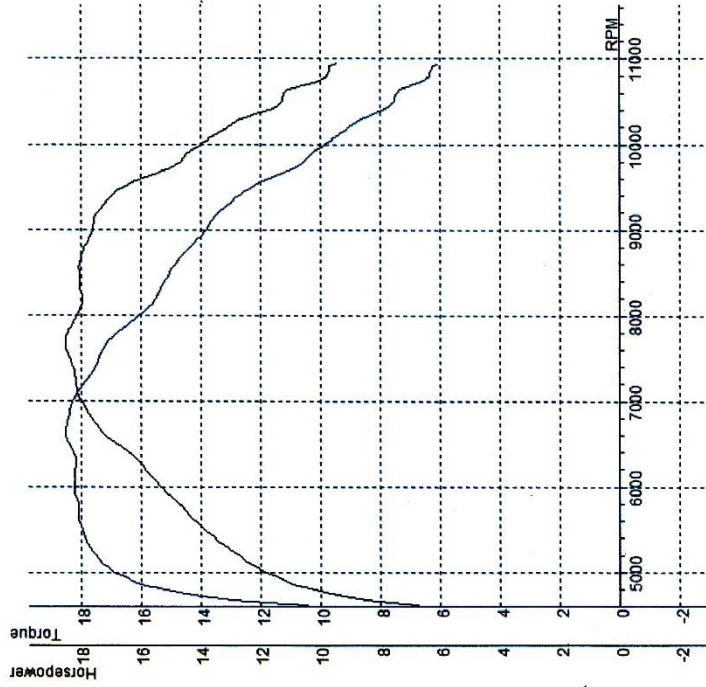
LOSSES: 0.0 HP 0.0N\*M\*MM  
 TOTAL ENGINE: 18.6HP 18.68N\*M\*MM

SPORTDYNO V3J  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53

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

Pressure 1000.0 mbar  
 KMH 106.7  
 Date/Time 5/8/2018 2:31:47 PM

TEST NAME UMY DYNO TEST SECORPIYO T111  
 MAX POWER 18.5 (18.5)/7658  
 MAX TORQUE 18.54 (18.54)/6631  
 Temp. °C 34.9 °C  
 Humidity % 39 %



Comments  
 PERTAMAX 92/REXTOR MAP D

RPM	HP (HP)	(N*m)	T
4500	7.6	11.79	0.52
4750	9.8	14.76	0.58
5000	11.9	16.97	0.70
5250	13.1	17.70	0.82
5500	14.0	18.02	0.94
5750	14.6	18.08	1.04
6000	15.3	18.22	1.16
6250	16.0	18.17	1.28
6500	16.8	18.44	1.38
6631	17.2	18.54	1.44
6750	17.5	18.57	1.50
7000	18.0	18.56	1.62
7250	18.1	17.78	1.74
7500	18.3	17.39	1.86
7658	18.5	17.16	1.94
7750	18.4	16.86	2.00
8000	18.0	15.95	2.14
8250	17.9	15.40	2.28
8500	18.0	15.00	2.42
8750	17.9	14.49	2.56
9000	17.5	13.80	2.72
9250	17.2	13.12	2.90
9500	16.4	12.19	3.08
9750	14.7	10.65	3.28
10000	13.9	9.78	3.50
10250	12.8	8.84	3.74
10500	11.2	7.55	4.02
10750	9.9	6.51	4.34

LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.5 HP  
 0.0 N\*m/M  
 18.54 N\*m/M

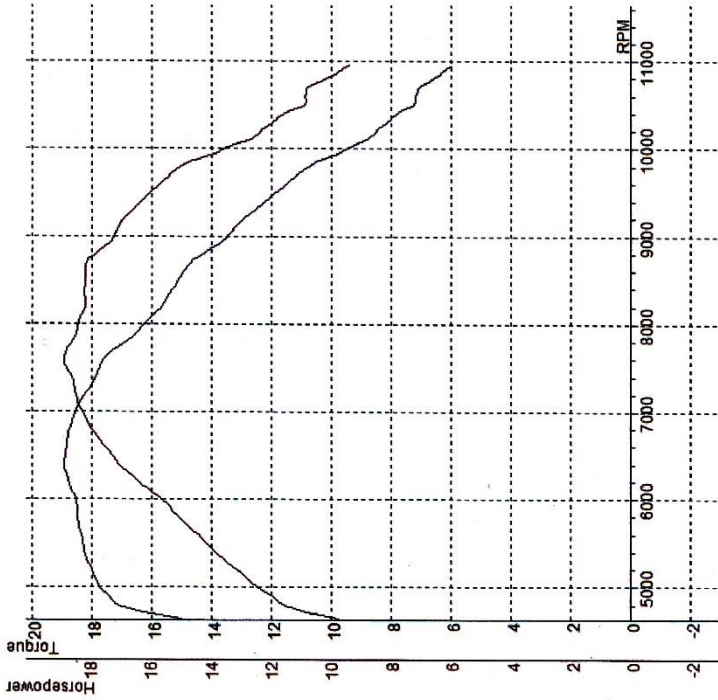




SPORTDYN V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME: UMY DYN0 TEST SECORPYO T112 | MAX POWER: 18.8 (18.8) / 7592 | MAX TORQUE: 18.95 (18.95) / 6395 | Pressure: 1000.0 mbar | KMH: 106.9 | Date/Time: 5/8/2018 2:35:41 PM  
 Temp. °C: 34.9 °C | Humidity %: 39 %

DATA FOR TEST: UMY DYN0 TEST SECORPYO T112



Comments  
 PERTAMAX 92/REXTOR MAPE

RPM	HP (HPQ) (N*M/M)	T
4250	10.3	15.74
4500	10.8	16.32
4750	11.1	16.77
5000	12.5	17.77
5250	13.4	18.12
5500	14.1	18.29
5750	14.9	18.48
6000	15.7	18.59
6250	16.5	18.86
6395	17.0	18.95
6500	17.3	18.87
6750	17.8	18.78
7000	18.2	18.52
7250	18.4	18.09
7500	18.7	17.75
7592	18.8	17.63
7750	18.5	16.97
8000	18.3	16.18
8250	18.1	15.56
8500	18.1	15.05
8750	17.9	14.49
9000	17.1	13.45
9250	16.6	12.70
9500	15.9	11.82
9750	15.1	10.92
10000	13.5	9.54
10250	12.1	8.37
10500	10.8	7.27
10750	10.4	6.81

LOSSES: 0.0 N\*M/M  
 TOTAL ENGINE: 18.8 HP  
 18.95 N\*M/M

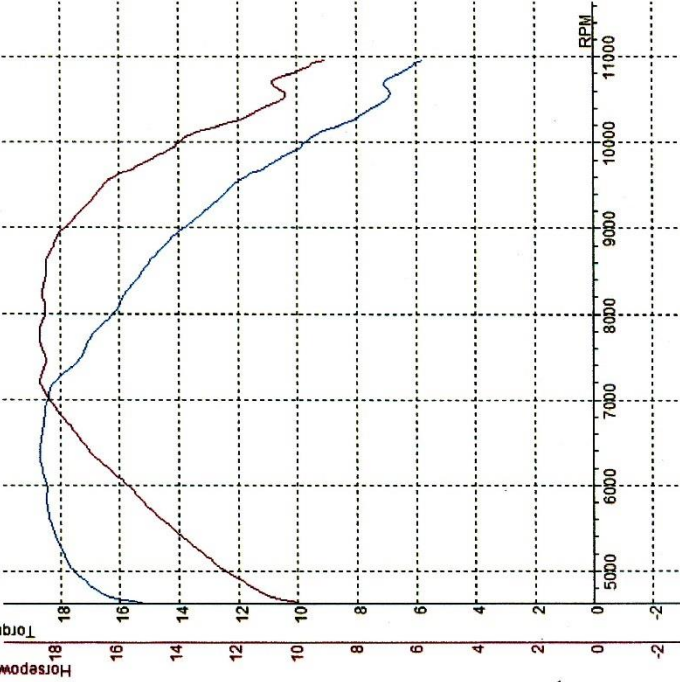
SPORTDYNO V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.



TEST NAME: UMY DYNO TEST SECORPIYO T113 | MAX TORQUE: 18.71 (18.71) / 6420 | Temp. °C: 34.9 °C | Humidity %: 39 % | Pressure: 1000.0 mbar | KMH: 106.8 | Date/Time: 5/8/2018 2:35:56 PM

DATA FOR TEST: UMY DYNO TEST SECORPIYO T113

RPM	HP (HP)	(N*M*W)	T
4250	10.3	15.87	0.52
4500	10.7	16.32	0.54
4750	11.3	16.85	0.58
5000	12.3	17.57	0.68
5250	13.2	17.97	0.80
5500	14.2	18.30	0.92
5750	14.8	18.44	1.02
6000	15.5	18.46	1.14
6250	16.4	18.46	1.26
6420	16.8	18.46	1.32
6500	17.0	18.66	1.36
6750	17.6	18.85	1.48
7000	18.1	19.40	1.60
7250	18.4	17.92	1.72
7500	18.2	17.26	1.84
7747	18.4	16.92	1.96
7750	18.4	16.83	1.98
8000	18.2	16.18	2.10
8250	18.3	15.74	2.24
8500	18.2	15.19	2.38
8750	18.0	14.52	2.54
9000	17.5	13.76	2.70
9250	16.9	12.91	2.86
9500	16.2	12.10	3.04
9750	14.9	10.75	3.26
10000	13.8	9.74	3.46
10250	11.8	8.10	3.74
10500	10.3	6.95	4.04
10750	10.4	6.86	4.36



Comments: PERTAMAX 92/REXTOR MAPE

LOSSES: 0.0 HP | 0.0N\*M\*W  
 TOTAL ENGINE: 18.4HP | 18.71N\*M\*W

SPORTDYNOV3J  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.



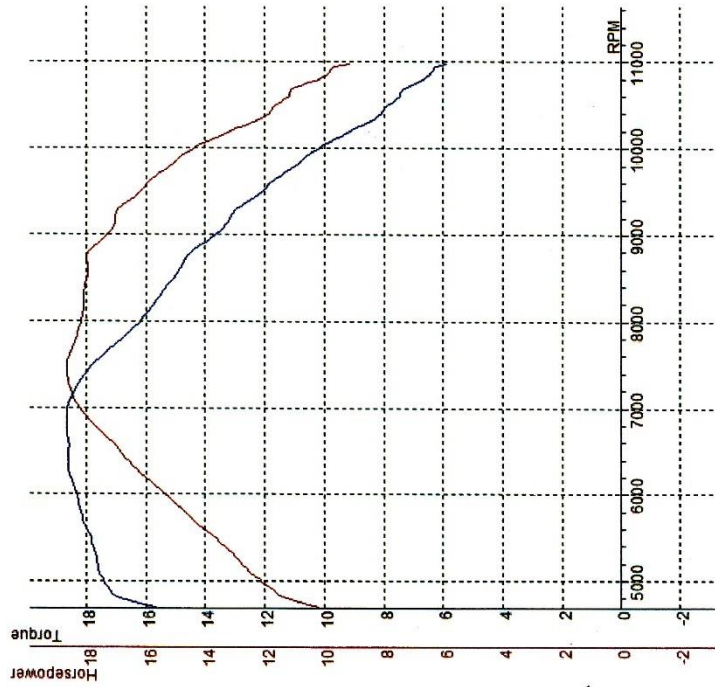
TEST NAME: UMY DYN0 TEST SECORPIYO T114 | MAX POWER: 18.7 (18.7) / 7445 | MAX TORQUE: 18.67 (18.67) / 6859 | Temp. °C: 34.9 °C | Humidity %: 39 % | Pressure: 1000.0 mbar | KMH: 106.9 | Date/Time: 5/8/2018 2:36:13 PM

DATA FOR TEST: UMY DYN0 TEST SECORPIYO T114

Comments  
 PERTAMAX 92 REXTOR MAPE

RPM	HP (BHP) (N*M*M)	T
4250	10.7	16.16
4500	11.0	16.55
4750	11.3	16.85
5000	12.2	17.44
5250	13.0	17.65
5500	13.8	17.87
5750	14.6	18.14
6000	15.4	18.35
6250	16.3	18.59
6500	16.9	18.58
6750	17.7	18.65
6859	17.9	18.67
7000	18.4	18.62
7250	18.6	18.24
7445	18.7	17.90
7500	18.7	17.70
7750	18.5	16.93
8000	18.2	16.15
8250	18.1	15.39
8500	18.0	15.04
8750	18.0	14.56
9000	17.3	13.56
9250	17.0	13.03
9500	16.2	12.05
9750	15.3	11.12
10000	14.3	10.13
10250	12.8	8.79
10500	11.7	7.84
10750	10.5	6.91

LOSSES: 0.0 HP | 0.0N\*M\*M  
 TOTAL ENGINE: 18.7HP | 18.67N\*M\*M



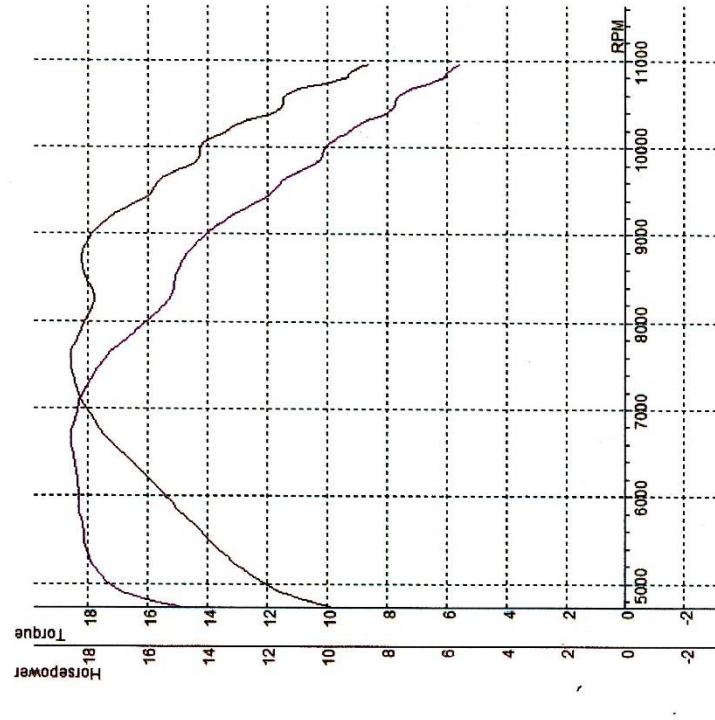


SPORTDYNOV3J  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME: UMY DYNO TEST SECORPHYO T115 | MAX POWER: 18.6 (18.6) / 7533 | MAX TORQUE: 18.58 (18.58) / 6652 | Pressure: 1000.0 mbar | KMH: 106.8 | Date/Time: 5/8/2018 2:36:27 PM  
 Humidity: 39% | Temp: 34.9 °C

DATA FOR TEST: UMY DYNO TEST SECORPHYO T115

Comments  
 PERTAMAX 92,REXTOR MAP E



RPM	HP (HP)	(N*M*M)	T
4500	10.4	15.64	0.52
4750	10.9	16.15	0.54
5000	12.2	17.42	0.64
5250	13.1	17.90	0.74
5500	14.0	18.13	0.86
5750	14.7	18.26	0.98
6000	15.5	18.31	1.10
6250	16.1	18.37	1.20
6500	16.9	18.51	1.32
6652	17.3	18.58	1.38
6750	17.6	18.52	1.44
7000	18.1	18.32	1.56
7250	18.4	18.04	1.66
7500	18.6	17.54	1.80
7533	18.6	17.54	1.80
7750	18.4	16.85	1.92
8000	18.0	16.00	2.06
8250	17.8	15.26	2.20
8500	18.1	15.07	2.34
8750	18.2	14.75	2.48
9000	17.8	14.04	2.64
9250	16.9	12.96	2.82
9500	15.8	11.77	3.00
9750	14.9	10.80	3.20
10000	14.2	10.05	3.42
10250	13.1	9.00	3.66
10500	11.5	7.72	3.94
10750	9.8	6.46	4.28

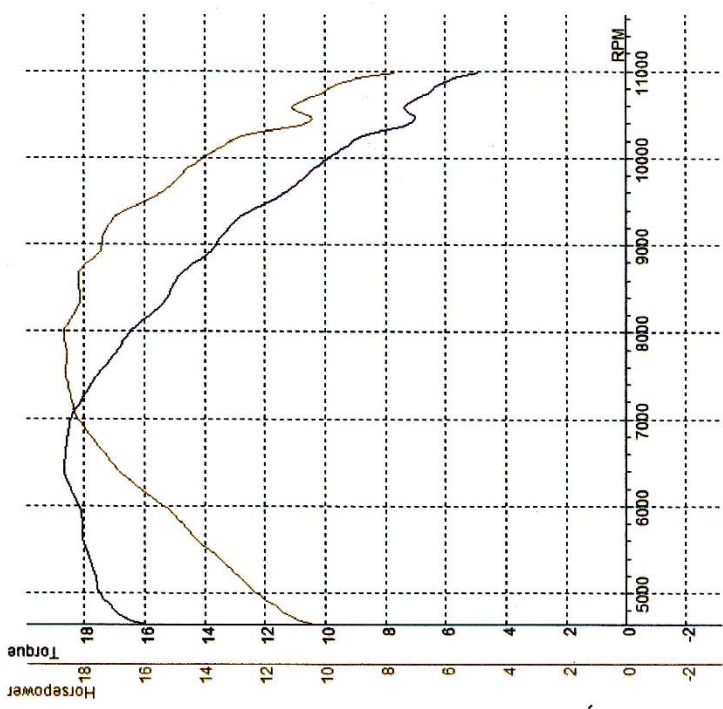
LOSSES: 0.0 HP | 0.0 N\*M\*M  
 TOTAL ENGINE: 18.6 HP | 18.58 N\*M\*M



SPORTDYN0 V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME: UMY DYNO TEST SECORPHYO T116  
 MAX POWER: 18.69 (18.69) / 1358  
 MAX TORQUE: 18.69 (18.69) / 6424  
 Temp. °C: 34.9 °C  
 Humidity %: 39 %  
 Pressure: 1000.0 mbar  
 KM/H: 106.9  
 Date/Time: 5/8/2018 2:36:45 PM

DATA FOR TEST: UMY DYNO TEST SECORPHYO T116



Comment:  
 PERTAMAX 92/REXTOR MAPE

RPM	HP (HP) (N*M*PM)	T
4250	10.7	16.45
4500	11.0	16.71
4750	11.2	16.89
5000	12.3	17.52
5250	13.1	17.72
5500	13.8	17.91
5750	14.5	18.07
6000	15.3	18.21
6250	16.4	18.58
6424	16.8	18.69
6500	17.0	18.67
6750	17.6	18.57
7000	18.2	18.42
7250	18.3	17.97
7500	18.5	17.53
7750	18.5	16.87
7938	18.6	16.63
8000	18.5	16.44
8250	18.1	15.56
8500	18.1	15.07
8750	17.8	14.43
9000	17.3	13.60
9250	17.0	13.02
9500	15.7	11.70
9750	14.8	10.70
10000	13.9	9.82
10250	12.7	8.76
10500	10.7	7.17
10750	10.0	6.56

LOSSES: 0.0 N\*M\*PM  
 TOTAL ENGINE: 18.69 N\*M\*PM



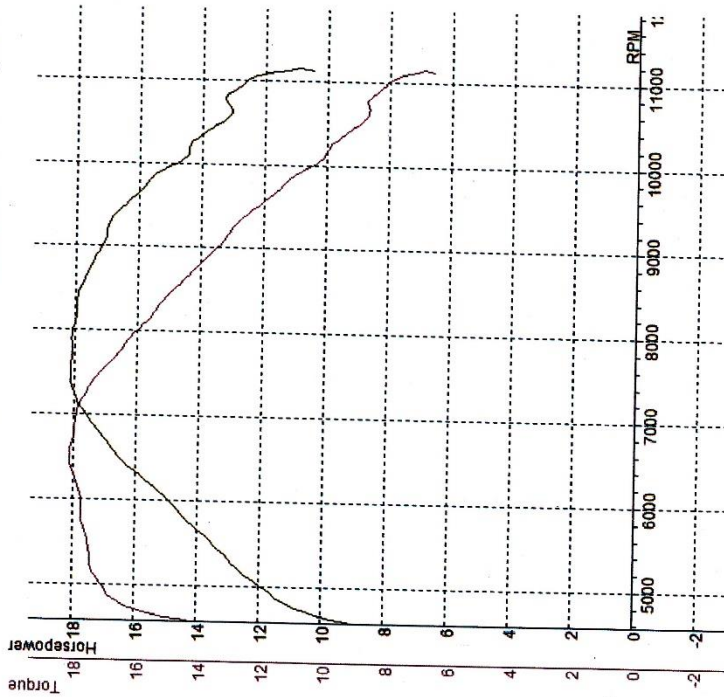


SPORTDYN0 V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53

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

TEST NAME: UMY DYNO TEST SECORPIYO T077 | MAX POWER: 18.2 (18.2) / 7455 | MAX TORQUE: 18.20 (18.20) / 6514 | Pressure: 1000.0 mbar | KM/H: 106.8 | Date/Time: 5/8/2018 11:58:33 AM  
 Temp. °C: 34.4 °C | Humidity %: 38 %

DATA FOR TEST: UMY DYNO TEST SECORPIYO T077



Comments  
 SELL92/CD1 STD

RPM	HP (HP)	(N*M*M)	T
4250	9.7	13.07	0.52
4500	10.2	15.62	0.54
4750	10.8	16.34	0.58
5000	12.0	17.17	0.70
5250	12.9	17.50	0.82
5500	13.6	17.59	0.94
5750	14.3	17.81	1.04
6000	15.0	17.80	1.16
6250	15.9	18.06	1.28
6500	16.6	18.20	1.38
6514	16.6	18.20	1.38
6750	17.2	18.06	1.50
7000	17.7	17.96	1.62
7250	18.0	17.69	1.72
7455	18.2	17.34	1.82
7500	18.1	17.14	1.86
7750	18.1	16.57	1.98
8000	18.1	16.07	2.10
8250	18.0	15.46	2.24
8500	17.8	14.89	2.38
8750	17.5	14.16	2.54
9000	17.1	13.43	2.70
9250	17.0	13.02	2.84
9500	16.4	12.23	3.02
9750	15.8	11.44	3.20
10000	14.7	10.38	3.42
10250	14.3	9.85	3.62
10500	13.3	8.94	3.86
10750	13.3	8.75	4.08
11000	12.6	8.06	4.34

LOSSES: 0.0 HP 0.0 N\*M\*M  
 TOTAL ENGINE: 18.2 HP 18.20 N\*M\*M



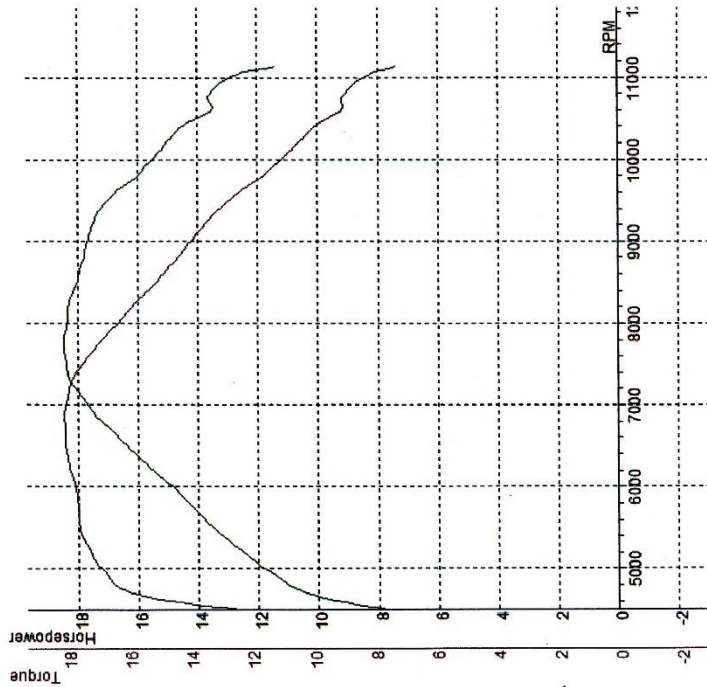
**SportDevices**  
www.sportdevices.com

**SPORTDYN0 V3.3**  
**DYNAMOMETER:** SD325  
**ROLLER INERTIA:** 1.53  
Displacement Correction  
Correction Factor: ISO 1585  
NOTE: Load Cell Included.

**TEST NAME:** UMY DYN0 TEST SECORPIYO T078 | **MAX POWER:** 18.5 (18.5) / 7814 | **MAX TORQUE:** 18.09 (18.09) / 6851 | **Pressure:** 1000.0 mbar | **KMH:** 106.8 | **Date/Time:** 5/8/2018 11:55:52 AM  
**Temp-C:** 34.4 C | **Humidity %:** 38 %

**DATA FOR TEST:** UMY DYN0 TEST SECORPIYO T078

**Comments:**  
SELL 92/CDI STD



RPM	HP (HP/NO (N*M*M))	T
4250	8.6	13.54
4500	9.2	14.35
4750	10.7	16.15
5000	11.8	16.87
5250	12.7	17.29
5500	13.6	17.88
5750	14.3	17.63
6000	14.9	17.09
6250	15.7	17.92
6500	16.4	18.02
6750	17.1	18.06
6851	17.4	18.09
7000	17.7	17.99
7250	18.2	17.84
7500	18.4	17.38
7750	18.5	16.90
7814	18.5	16.83
8000	18.3	16.29
8250	18.3	15.70
8500	18.0	15.00
8750	17.8	14.44
9000	17.7	13.89
9250	17.4	13.30
9500	16.9	12.62
9750	16.1	11.68
10000	15.5	10.99
10250	14.9	10.32
10500	14.0	9.39
10750	13.7	8.99
11000	12.9	8.26

**LOSSES:** 0.0 HP  
**TOTAL ENGINE:** 18.5 HP  
0.0 N\*M\*M  
18.09 N\*M\*M

SPORTDYNOV3J  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

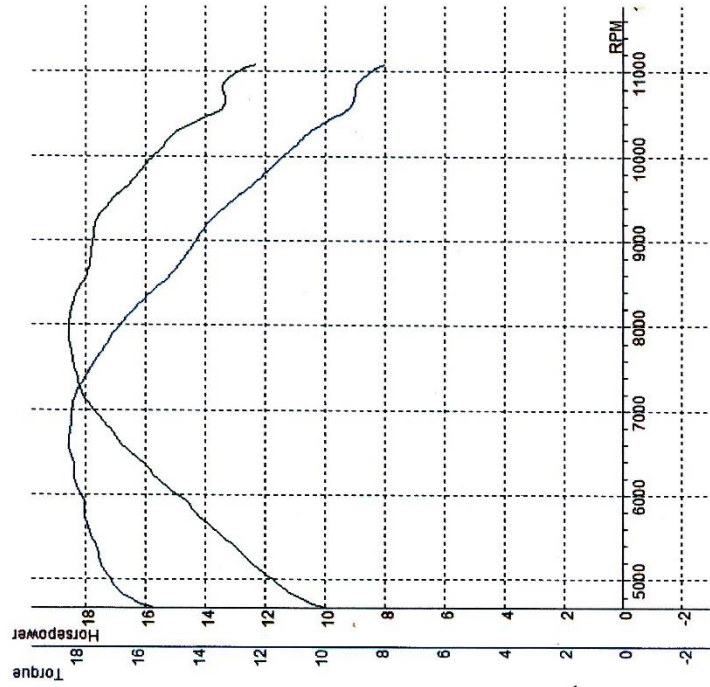
TEST NAME: UMY DYN0 TEST SECORPIYO T079  
 MAX POWER: 18.6 (18.6) / 7984  
 MAX TORQUE: 18.17 (18.17) / 6595  
 Temp. °C: 34.4 °C  
 Humidity %: 38 %  
 Pressure: 1000.0 mbar  
 KMH: 106.3  
 Date/Time: 5/8/2018 11:56:11 AM

DATA FOR TEST: UMY DYN0 TEST SECORPIYO T079

Comments  
 SELL 92/CDI STD

RPM	HP (HP)	(N*M*M)	T
4250	10.4	15.78	0.52
4500	10.7	16.05	0.54
4750	10.9	16.25	0.56
5000	11.8	16.81	0.66
5250	12.6	17.17	0.78
5500	13.5	17.41	0.90
5750	14.3	17.66	1.02
6000	15.0	17.78	1.12
6250	15.8	17.99	1.24
6500	16.5	18.11	1.34
6750	16.8	18.17	1.38
7000	17.2	18.09	1.46
7250	17.8	18.05	1.58
7500	18.2	17.85	1.68
7750	18.4	17.42	1.80
7984	18.5	16.92	1.94
8000	18.6	16.54	2.04
8250	18.6	16.46	2.06
8500	18.4	15.79	2.20
8750	18.0	15.02	2.34
9000	17.8	14.43	2.48
9250	17.8	13.99	2.62
9500	17.6	13.47	2.78
9750	17.1	12.72	2.94
10000	16.3	11.85	3.12
10250	15.7	11.07	3.32
10500	15.1	10.38	3.52
10750	13.7	9.22	3.74
11000	13.4	8.79	3.98
11000	12.9	8.27	4.22

LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.6 HP  
 0.0 N\*M\*M  
 18.17 N\*M\*M

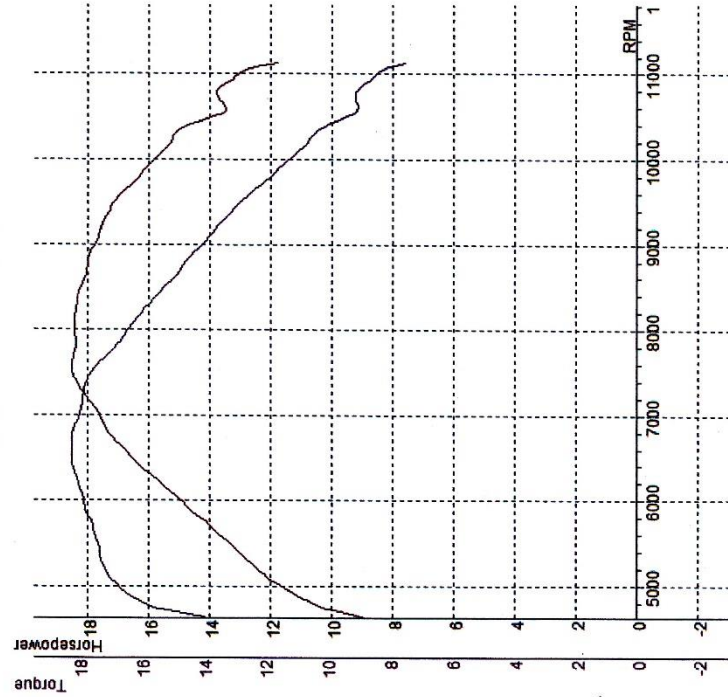




SPORTDYN V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME: UMY DYNOTEST SECORPHYO T080 | MAX TORQUE: 18.22 (18.22) / 6735 | Temp. °C: 34.4 °C | Humidity %: 38 % | Pressure: 1000.0 mbar | KMH: 106.7 | Date/Time: 5/8/2018 11:56:29 AM

DATA FOR TEST: UMY DYNOTEST SECORPHYO T080



Comments  
 SELL 92/CD1 STD

RPM	HP (HPQ) (N*M*M)	T
4250	9.5	14.62
4500	10.0	15.18
4750	10.3	15.59
5000	11.7	16.77
5250	12.7	17.22
5500	13.5	17.40
5750	14.2	17.58
6000	15.0	17.83
6250	15.9	18.08
6500	16.6	18.20
6735	17.2	18.22
7000	17.6	18.21
7250	18.2	17.84
7500	18.5	17.58
7587	18.6	17.40
7730	18.5	16.95
8000	18.5	16.37
8250	18.4	15.86
8500	18.2	15.25
8750	18.0	14.61
9000	17.8	13.98
9250	17.5	13.39
9500	17.1	12.77
9750	16.4	11.91
10000	15.8	11.20
10250	15.2	10.51
10500	13.9	9.37
10750	13.8	9.06
11000	13.1	8.39

LOSSES: 0.0 N\*M\*M  
 TOTAL ENGINE: 18.6HP  
 18.22 N\*M\*M

SPORTDYN V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53

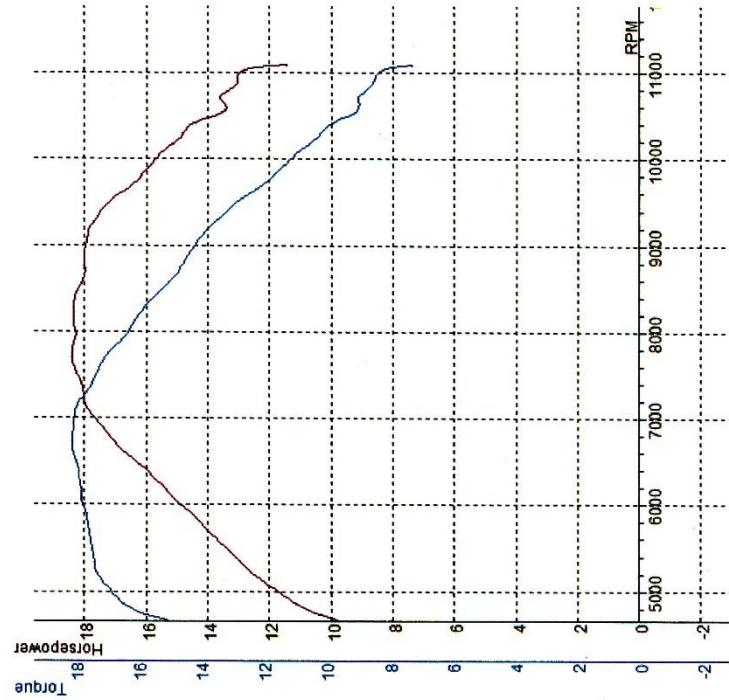
Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Lead Cell Included.

Pressure 1000.0 mbar | Humidity % 38 % | Temp. °C 34.4 °C | MAX TORQUE 18.09 (18.09) / 6720 | Date/Time 5/8/2018 11:56:48 AM

TEST NAME UMY DYN TEST SECORPIYO T081 | MAX POWER 18.4 (18.4) / 7728

DATA FOR TEST: UMY DYN TEST SECORPIYO T081

Comments  
 SELL 92/CDI STD



LOSSES: 0.0 N\*M\*M  
 TOTAL ENGINE: 18.4 HP  
 18.09 N\*M\*M





SPORTDYNO V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

Pressure | KMH | Date/Time  
 1000.0 mbar | 107.1 | 5/3/2018 11:11:28 AM

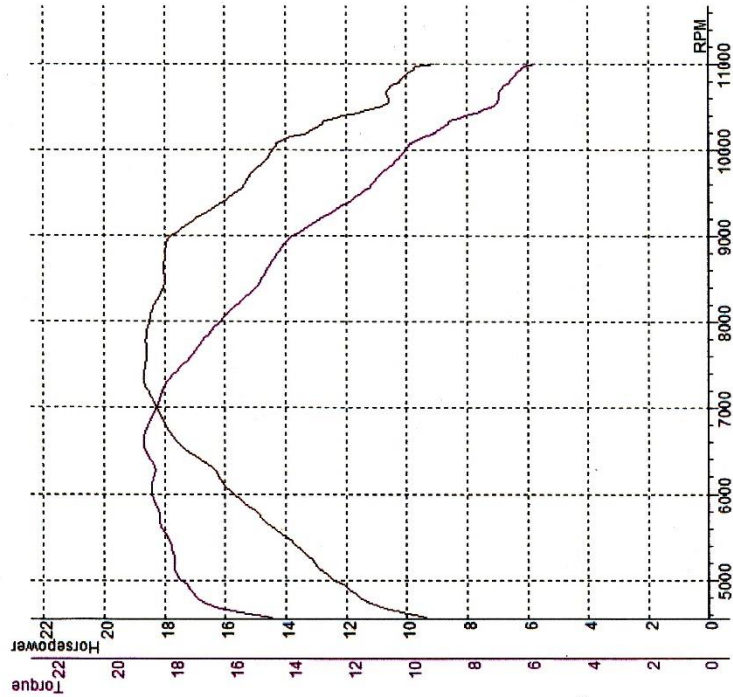
Humidity % | Temp. °C  
 46 % | 33.1 °C

MAX TORQUE | MAX POWER  
 19.03 (19.03) / 6572 | 18.7 (18.7) / 7348

TEST NAME  
 UMY DYNO TEST SECORPIYO T002

DATA FOR TEST: UMY DYNO TEST SECORPIYO T002

Comments  
 SELL 92/ REXTOR MAP 1



RPM	HP (HP)	N*M*M	T
4250	9.9	15.45	0.52
4500	10.3	16.02	0.54
4750	11.3	17.06	0.60
5000	12.5	17.79	0.72
5250	13.3	17.99	0.84
5500	14.0	18.21	0.94
5750	14.9	18.48	1.06
6000	15.8	18.76	1.18
6250	16.3	18.63	1.28
6500	17.4	19.00	1.40
6572	17.5	19.03	1.42
6750	18.0	18.86	1.52
7000	18.3	18.57	1.62
7250	18.7	18.30	1.74
7348	18.7	18.13	1.78
7500	18.6	17.67	1.86
7750	18.6	17.03	2.00
8000	18.5	16.43	2.12
8250	18.2	15.70	2.26
8500	18.0	15.02	2.40
8750	18.0	14.55	2.56
9000	17.7	13.89	2.72
9250	16.7	12.80	2.88
9500	15.6	11.60	3.08
9750	15.0	10.86	3.28
10000	14.4	10.18	3.48
10250	13.0	8.94	3.72
10500	10.8	7.26	4.02
10750	10.4	6.84	4.34
11000	9.1	5.81	4.80

LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.7HP  
 0.0N\*M\*M  
 19.03N\*M\*M

SPORTDYNO V3J  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

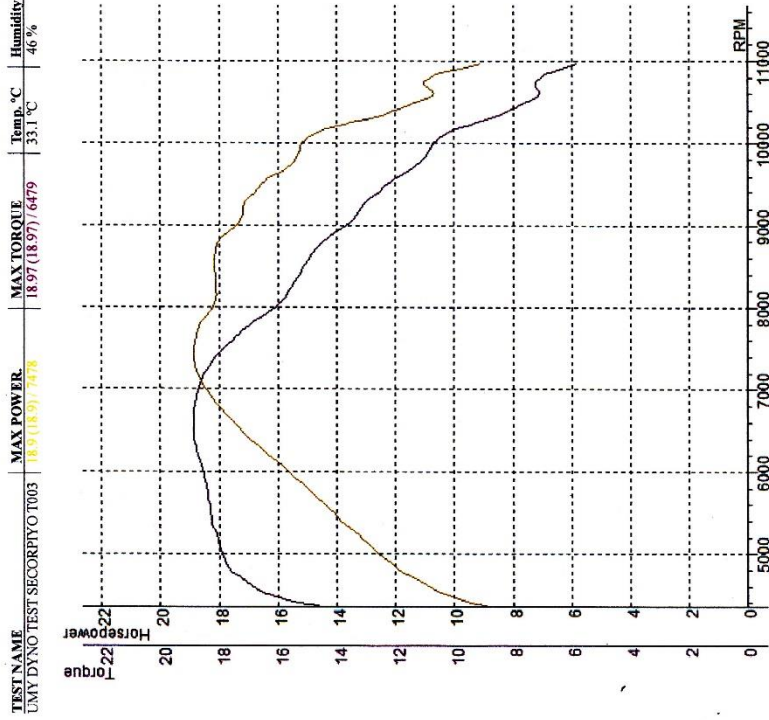
TEST NAME: UMY DYNO TEST SECORPIYO T003  
 MAX POWER: 18.9 (18.9) / 7478  
 MAX TORQUE: 18.97 (18.97) / 6479  
 Temp. °C: 33.1 °C  
 Humidity %: 46 %  
 Pressure: 1000.0 mbar  
 KMH: 106.9  
 Date/Time: 5/3/2018 11:11:44 AM

DATA FOR TEST: UMY DYNO TEST SECORPIYO T003

Comments  
 SELL 92/ REXTOR MAP 1

RPM	HP (HP)	(N*M*M)	T
4000	9.4	15.35	0.52
4250	9.9	15.88	0.54
4500	10.5	16.59	0.58
4750	11.6	17.50	0.68
5000	12.6	17.98	0.80
5250	13.4	18.21	0.92
5500	14.1	18.35	1.02
5750	14.9	18.47	1.14
6000	15.7	18.65	1.26
6250	16.5	18.85	1.36
6479	17.2	18.97	1.46
6500	17.3	18.95	1.48
6750	17.9	18.93	1.58
7000	18.3	18.78	1.70
7250	18.8	18.45	1.82
7478	18.9	17.99	1.92
7500	18.9	17.87	1.94
7750	18.7	17.06	2.08
8000	18.2	16.15	2.20
8250	18.1	15.99	2.34
8500	18.2	15.16	2.48
8750	18.1	14.60	2.64
9000	17.3	13.63	2.80
9250	17.1	13.11	2.96
9500	16.5	12.29	3.14
9750	15.4	11.18	3.34
10000	15.1	10.70	3.54
10250	13.3	9.13	3.78
10500	11.2	7.55	4.06
10750	11.0	7.23	4.36

LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.9HP  
 0.0N\*M\*M  
 18.97N\*M\*M



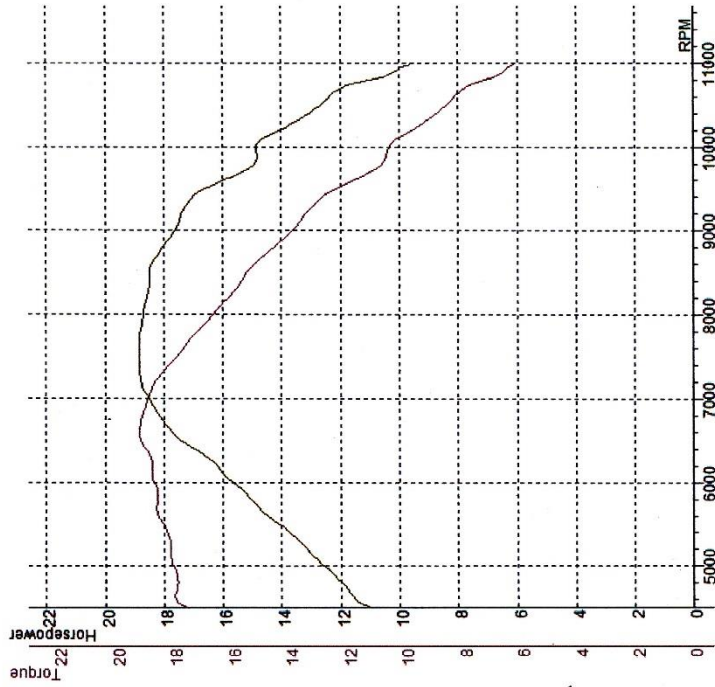


SPORTDYN0 V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME: UMY DYNO TEST SECORPIYO T004  
 MAX POWER: 18.8 (18.8) / 7618  
 MAX TORQUE: 19.19 (19.19) / 6599  
 Temp. °C: 33.1 °C  
 Humidity %: 46 %  
 Pressure: 1000.0 mbar  
 KMH: 107.1  
 Date/Time: 5/3/2018 11:12:01 AM

DATA FOR TEST: UMY DYNO TEST SECORPIYO T004

Comments  
 SELL 92/ REXTOR MAP 1



RPM	HP (HP)	(N*M*M)	T
4000	11.3	17.82	0.52
4250	11.5	17.92	0.54
4500	11.6	17.93	0.56
4750	11.9	17.84	0.62
5000	12.7	18.03	0.74
5250	13.3	18.08	0.84
5500	14.2	18.35	0.96
5750	15.0	18.55	1.08
6000	15.7	18.66	1.18
6250	16.5	18.75	1.30
6500	17.4	19.14	1.40
6599	17.7	19.19	1.44
6750	18.1	19.07	1.52
7000	18.6	18.92	1.64
7250	18.8	18.99	1.76
7500	18.8	17.78	1.88
7618	18.8	17.61	1.92
7750	18.8	17.22	2.00
8000	18.7	16.62	2.12
8250	18.5	15.94	2.26
8500	18.5	15.43	2.40
8750	18.1	14.61	2.56
9000	17.5	13.78	2.72
9250	17.3	13.22	2.88
9500	16.5	12.28	3.06
9750	15.0	10.85	3.26
10000	14.9	10.49	3.46
10250	13.7	9.47	3.68
10500	12.6	8.49	3.94
10750	11.5	7.59	4.22

LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.8 HP  
 0.0 N\*M\*M  
 19.19 N\*M\*M





SPORTDYN0 V3.3  
 DYNAMOMETER: SD3225  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell included.

TEST NAME: UMY DYN0 TEST SECORPIYO T005 | MAX POWER: 18.9 (18.9) / 7732 | Temp. °C: 33.1 °C | Humidity %: 46 % | Pressure: 1000.0 mbar | KMH: 107.1 | Date/Time: 5/3/2018 11:12:16 AM

DATA FOR TEST: UMY DYN0 TEST SECORPIYO T005



Comments  
 SELL:92/ REXTOR MAP 1

RPM	HP (HP)	(N*M*MM)	T
4350	10.7	15.63	0.52
4500	10.7	16.19	0.54
4750	11.1	16.61	0.56
5000	12.4	17.39	0.68
5250	13.2	17.97	0.78
5500	14.1	18.25	0.90
5750	14.9	18.44	1.02
6000	15.7	18.64	1.12
6250	16.4	18.67	1.24
6500	17.2	18.87	1.34
6725	17.8	18.93	1.44
6750	17.9	18.92	1.46
7000	18.4	18.63	1.58
7250	18.6	18.23	1.70
7500	18.8	17.77	1.82
7732	18.9	17.39	1.92
7750	18.9	17.30	1.94
8000	18.6	16.50	2.08
8250	18.4	15.85	2.20
8500	18.4	15.40	2.34
8750	18.1	14.66	2.50
9000	17.8	14.01	2.66
9250	17.2	13.12	2.82
9500	16.2	12.04	3.00
9750	15.1	10.98	3.20
10000	14.6	10.34	3.40
10250	14.0	9.68	3.62
10500	11.6	7.84	3.90
10750	10.5	6.90	4.22
11000	9.2	5.89	4.64

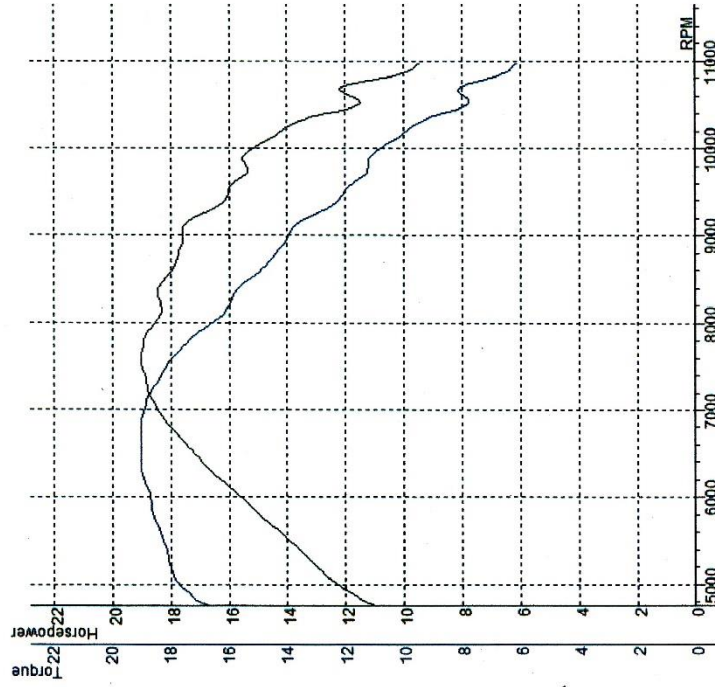
LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.9 HP  
 0.0 N\*M\*MM  
 18.93 N\*M\*MM



SPORTDYN V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1.885  
 NOTE: Load Cell Included.

TEST NAME: UMY DYNOTEST SECORPHYO T006 | MAX POWER: 19.0 (19.0)/7558 | MAX TORQUE: 18.90 (18.90)/6390 | Pressure: 1000.0 mbar | KMH: 107.1 | Date/Time: 5/3/2018 11:12:33 AM  
 Temp. °C: 33.1 °C | Humidity %: 46 %

DATA FOR TEST: UMY DYNOTEST SECORPHYO T006



Comments  
 SELL 92 REXTOR MAP 1

RPM	HP (HPQ (N*M*M))	T
4250	11.3	16.93
4500	11.6	17.12
4750	11.8	17.27
5000	12.3	17.63
5250	13.2	17.96
5500	14.1	18.18
5750	14.9	18.45
6000	15.7	18.59
6250	16.5	18.83
6500	16.9	18.90
6750	17.3	18.87
7000	17.9	18.89
7250	18.5	18.76
7500	18.8	18.43
7558	19.0	17.92
7750	18.9	17.36
8000	18.5	16.37
8250	18.4	15.79
8500	18.1	15.13
8750	17.7	14.34
9000	17.6	13.84
9250	16.8	12.84
9500	16.0	11.93
9750	15.4	11.14
10000	15.1	10.66
10250	14.0	9.63
10500	11.5	7.72
10750	11.5	7.52
11000	11.5	7.52

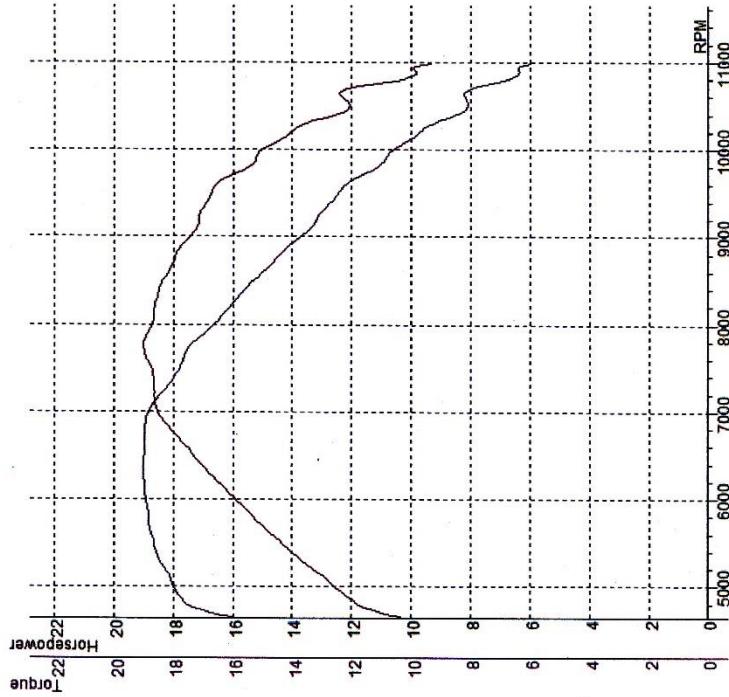
LOSSES: 0.0 HP  
 TOTAL ENGINE: 19.0 HP  
 0.0 N\*M\*M  
 18.90 N\*M\*M



SPORTDYNO V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME | MAX POWER | MAX TORQUE | Temp. °C | Humidity % | Pressure | KM/H | Date/Time  
 UMY DYNO TEST SECORPIYO T007 | 19.0 (19.0) / 7748 | 19.06 (19.06) / 6387 | 33.3 °C | 45 % | 10000.0 mbar | 107.2 | 5/3/2018 11:17:41 AM

DATA FOR TEST: UMY DYNO TEST SECORPIYO T007



Comments  
 SELL 92 / REXTOR.MAP \$

RPM	HP (HPQ (N*M*MM))	T
4250	10.9	16.61
4500	11.2	17.04
4750	11.6	17.37
5000	12.7	18.05
5250	13.5	18.42
5500	14.4	18.69
5750	15.3	18.88
6000	16.0	18.96
6250	16.6	19.03
6387	17.0	19.06
6500	17.4	19.02
6750	18.1	19.00
7000	18.5	18.86
7250	18.6	18.30
7500	18.8	17.80
7748	19.0	17.48
7750	19.0	17.39
8000	18.7	16.61
8250	18.6	15.96
8500	18.3	15.30
8750	17.9	14.50
9000	17.4	13.67
9250	17.1	13.10
9500	16.7	12.42
9750	15.6	11.29
10000	14.9	10.55
10250	13.9	9.56
10500	12.1	8.10
10750	11.2	7.33
11000		4.18

LOSSES: 0.0 HP 0.0N\*M\*MM  
 TOTAL ENGINE: 19.0HP 19.06N\*M\*MM

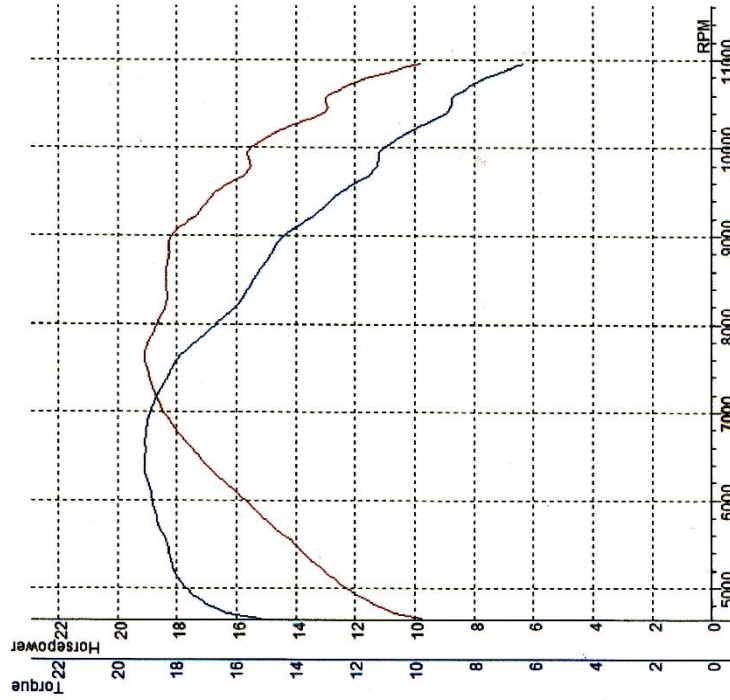


SPORTDYNO V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53

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

TEST NAME: UMY DYNO TEST SECORPIYO T009 | MAX POWER: 19.1 (19.1) / 7603 | MAX TORQUE: 19.02 (19.02) / 6394 | Temp. °C: 33.3 °C | Humidity %: 45 % | Pressure: 1066.9 | Date/Time: 5/3/2018 11:18:19 AM

DATA FOR TEST: UMY DYNO TEST SECORPIYO T009



Comments:  
 SELL 92/ REXTOR MAP 5

RPM	HP (HPQ (N*M*M))	T
4250	10.3	15.75
4500	10.7	16.22
4750	11.0	16.58
5000	12.4	17.66
5250	13.3	18.09
5500	14.0	18.24
5750	15.0	18.58
6000	15.8	18.76
6250	16.6	18.95
6394	17.0	19.02
6500	17.4	18.97
6750	18.0	18.96
7000	18.5	18.78
7250	18.8	18.43
7500	19.1	18.03
7603	19.1	17.88
7750	19.0	17.42
8000	18.7	16.53
8250	18.3	15.74
8500	18.4	15.31
8750	18.3	14.79
9000	18.1	14.24
9250	17.3	13.21
9500	16.6	12.36
9750	15.5	11.26
10000	15.4	10.88
10250	14.1	9.70
10500	13.0	8.72
10750	11.9	7.80
		4.14

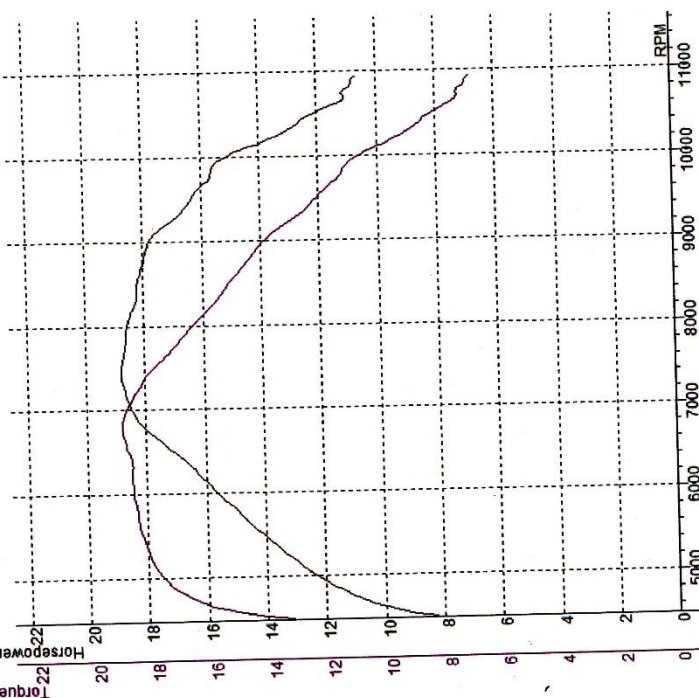
LOSSES: 0.0 N\*M\*M  
 TOTAL ENGINE: 19.1HP  
 19.02 N\*M\*M

SPORTDYNO V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME: UMY DYNOTEST SECORPIYO T010  
 MAX POWER: 18.8 (18.8) / 7437  
 MAX TORQUE: 18.99 (18.99) / 6764  
 Temp. °C: 33.3 °C  
 Humidity %: 45 %  
 Pressure: 1000.0 mbar  
 KM/H: 106.9  
 Date/Time: 5/3/2018 11:18:38 AM

DATA FOR TEST: UMY DYNOTEST SECORPIYO T010

RPM	HP (HP)	(N*M*M)	T
4250	8.9	14.18	0.52
4500	9.5	14.94	0.54
4750	11.2	16.84	0.54
5000	12.4	17.72	0.56
5250	13.3	18.10	0.86
5500	14.2	18.37	0.98
5750	15.0	18.50	1.10
6000	15.6	18.62	1.20
6250	16.4	18.66	1.32
6500	17.2	18.82	1.44
6750	18.0	18.99	1.54
7000	18.5	18.78	1.66
7250	18.7	18.35	1.78
7437	18.8	18.03	1.86
7500	18.8	17.81	1.90
7750	18.7	17.13	2.02
8000	18.6	16.48	2.16
8250	18.3	15.72	2.30
8500	18.2	15.19	2.44
8750	18.0	14.59	2.58
9000	17.8	14.01	2.74
9250	16.9	12.92	2.92
9500	16.3	12.13	3.10
9750	15.7	11.39	3.28
10000	15.2	10.72	3.48
10250	13.3	9.20	3.72
10500	12.0	8.10	4.00
10750	11.1	7.31	4.30



Comments: SELL92; REXTOR MAP 5  
 LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.8 HP  
 0.0N\*M\*M  
 18.99N\*M\*M

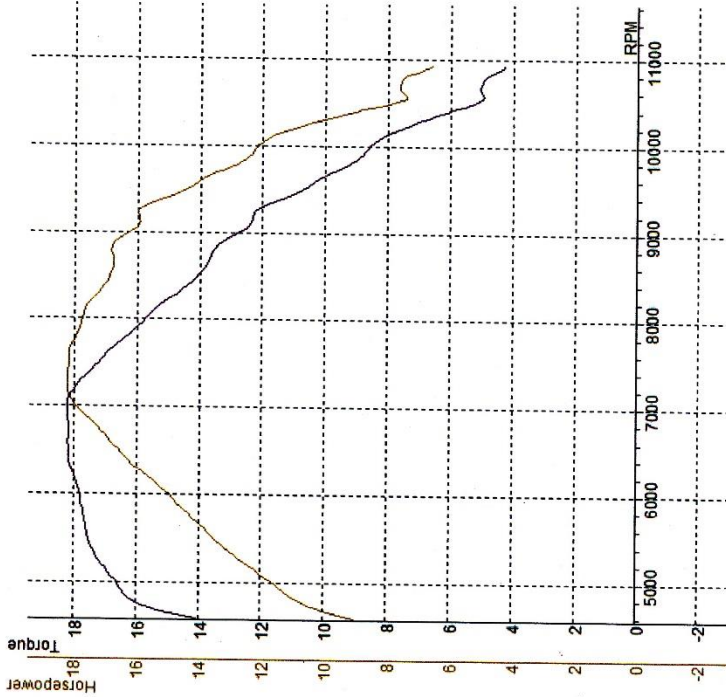




SPORTDYN0V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME: UMY DYN0 TEST SECORPIYO T011 | MAX POWER: 18.22 (18.22) / 6977 | Temp. °C: 33.6 °C | Humidity %: 48 % | Pressure: 107.1 | Date/Time: 4/26/2018 1:46:33 PM

DATA FOR TEST: UMY DYN0 TEST SECORPIYO T011



Comments  
 REXTOR/MAP 5/SELL92

RPM	HP (HP)	(N*M*M)	T
4250	9.3	14.69	0.52
4500	9.9	15.17	0.54
4750	10.7	16.08	0.60
5000	11.7	16.68	0.72
5250	12.7	17.25	0.84
5500	13.6	17.56	0.96
5750	14.3	17.68	1.08
6000	15.0	17.82	1.20
6250	15.8	18.04	1.30
6500	16.6	18.17	1.42
6750	17.2	18.17	1.54
6977	18.22	17.8	1.64
7000	17.9	18.22	1.66
7250	18.2	17.87	1.78
7302	18.2	17.76	1.80
7500	18.2	17.16	1.92
7750	17.9	16.38	2.06
8000	17.7	15.73	2.18
8250	17.3	14.86	2.34
8500	16.8	14.01	2.50
8750	16.8	13.59	2.66
9000	16.2	12.74	2.82
9250	16.0	12.22	3.00
9500	14.3	10.64	3.22
9750	13.0	9.46	3.44
10000	12.1	8.56	3.70
10250	10.4	7.14	4.02
10500	7.7	5.17	4.44
10750	7.6	4.96	4.88

LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.22HP  
 0.0N\*M\*M  
 18.22N\*M\*M



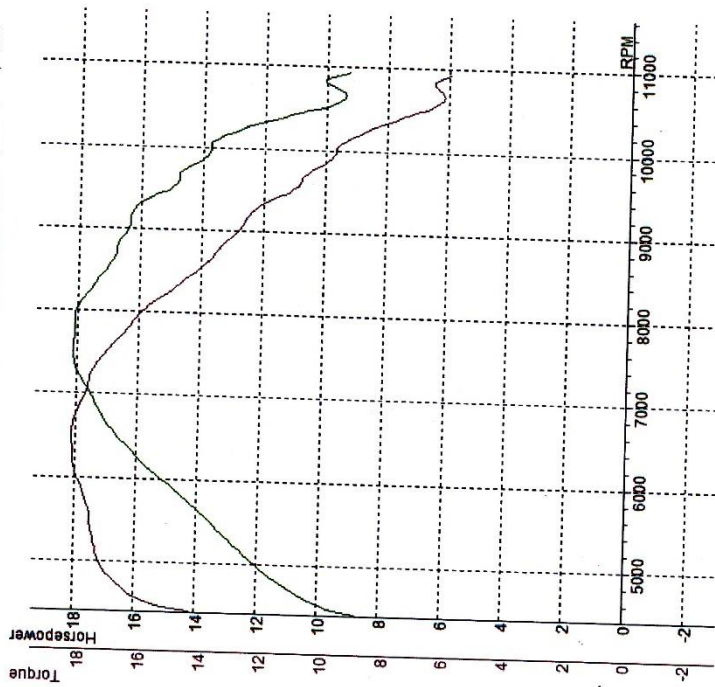
SPORTDYN V3.3  
 DYNAMOMETER, SD325  
 ROLLER INERTIA: 1.33

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

TEST NAME: UMY DYNO TEST SECORPIYO T013 | MAX POWER: 18.1 (18.1) / 7524 | MAX TORQUE: 18.29 (18.29) / 6488 | Pressure: 1000.0 mmHg | Humidity: % 46 % | Temp: °C 33.9 °C | Date/Time: 4/26/2018 1:39:21 PM

DATA FOR TEST: UMY DYNO TEST SECORPIYO T013

Comments  
 REXTOR/MAP 5/SELL92



RPM	HP (HP/IN*MM)	T
4000	9.3	14.91
4250	9.7	15.40
4500	10.0	15.78
4750	11.2	16.83
5000	12.2	17.33
5250	12.9	17.52
5500	13.7	17.63
5750	14.3	17.81
6000	15.2	18.10
6250	16.0	18.24
6488	16.6	18.29
6500	16.7	18.28
6750	17.2	18.14
7000	17.6	17.81
7250	18.0	17.62
7500	18.1	17.18
7524	18.1	18.1
7750	18.1	16.52
8000	18.1	16.04
8250	17.5	15.05
8500	17.1	14.26
8750	16.8	13.48
9000	16.4	12.88
9250	16.1	12.32
9500	15.0	11.17
9750	14.4	10.44
10000	13.8	9.75
10250	12.6	8.70
10500	10.0	6.75
10750	9.8	6.40

LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.1 HP  
 0.0N\*MM  
 18.29N\*MM

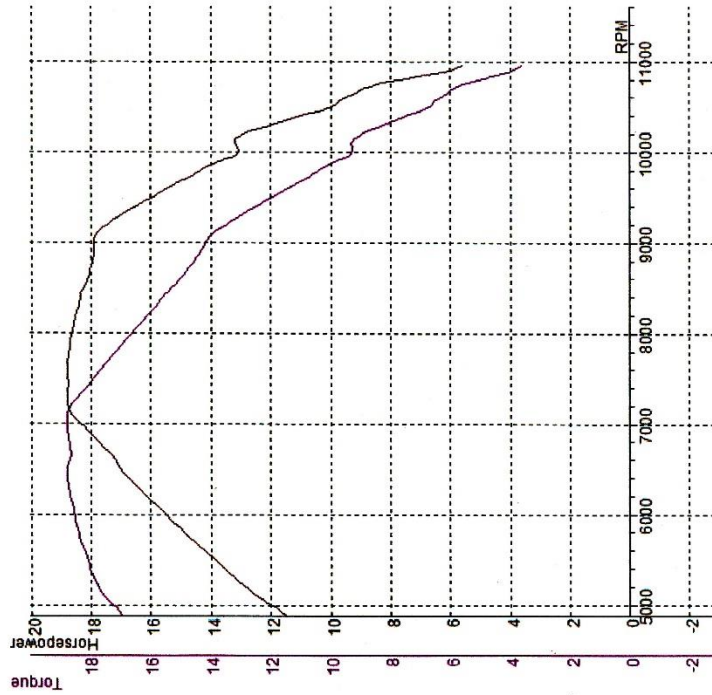


SPORTDYN V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME: UMY DYNOTEST SECORPIYO T048 | MAX POWER: 18.8 (18.8) / 7611 | MAX TORQUE: 18.73 (18.73) / 7035 | Temp. °C: 34.2 °C | Humidity %: 40 % | Pressure: 1000.0 mbar | KM/H: 106.8 | Date/Time: 3/4/2018 4:01:55 PM

DATA FOR TEST: UMY DYNOTEST SECORPIYO T048

Comments  
 SELL 92/REXTOR MAP D



RPM	HP (HPQ)*M*MM	T
4250	11.7	16.99
4500	11.9	17.09
4750	12.0	17.21
5000	12.2	17.35
5250	13.1	17.79
5500	14.0	18.05
5750	14.7	18.31
6000	15.6	18.49
6250	16.4	18.66
6500	17.0	18.70
6750	17.7	18.63
7000	18.4	18.73
7035	18.5	18.73
7250	18.8	18.38
7500	18.8	17.73
7611	18.8	17.58
7750	18.7	17.14
8000	18.6	16.46
8250	18.4	15.88
8500	18.2	15.24
8750	18.0	14.55
9000	17.9	14.06
9250	17.2	13.15
9500	15.9	11.85
9750	14.5	10.48
10000	13.0	9.22
10250	12.4	8.54
10500	9.9	6.62
10750	8.3	5.43

LOSSES: 0.0N\*M\*MM  
 TOTAL ENGINE: 18.8HP  
 18.73N\*M\*MM



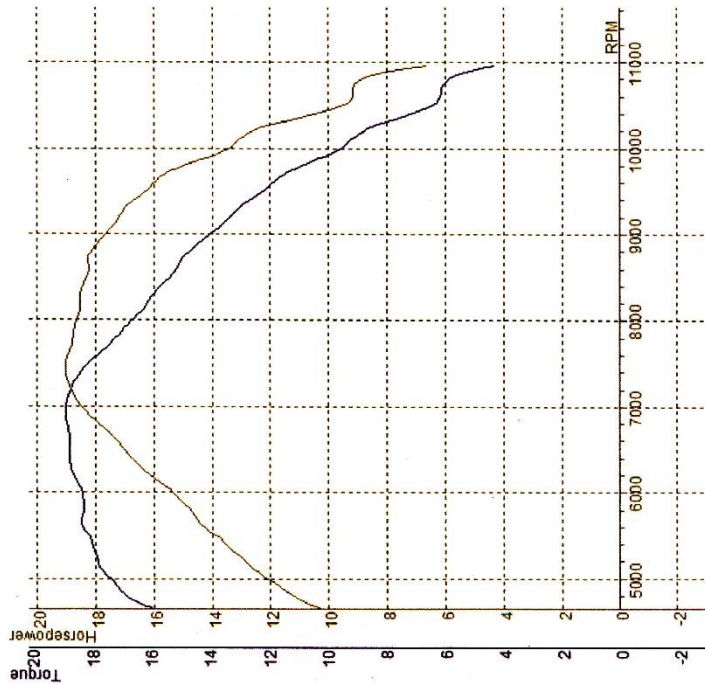


SPORTDYN V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME: UMY DYN0 TEST SECORPHYO T049 | MAX TORQUE: 18.84 (18.84) / 6934 | MAX POWER: 19.0 (19.0) / 7442 | Temp. °C: 34.2 °C | Humidity %: 40 % | Pressure: 1000.0 mbar | KMH: 106.8 | Date/Time: 5/4/2018 4:02:11 PM

DATA FOR TEST: UMY DYN0 TEST SECORPHYO T049

Comments  
 SELL 92/REXTOR MAP D



RPM	HP (HP)	(N·m)	T
4250	10.6	16.20	0.52
4500	10.9	16.45	0.54
4750	11.1	16.65	0.56
5000	12.2	17.42	0.68
5250	13.0	17.76	0.78
5500	13.9	18.06	0.90
5750	14.7	18.22	1.02
6000	15.5	18.30	1.14
6250	16.3	18.63	1.24
6500	17.1	18.69	1.36
6750	17.7	18.75	1.46
6934	18.3	18.84	1.54
7000	18.5	18.82	1.58
7250	18.9	18.54	1.70
7442	19.0	18.22	1.78
7500	19.0	17.99	1.82
7750	18.8	17.23	1.94
8000	18.6	16.49	2.08
8250	18.5	15.90	2.22
8500	18.3	15.22	2.36
8750	18.2	14.75	2.50
9000	17.6	13.86	2.66
9250	17.1	13.08	2.82
9500	16.2	12.11	3.00
10000	13.3	9.41	3.44
10250	12.1	8.35	3.70
10500	9.5	6.38	4.02
10750	9.1	5.95	4.40

LOSSES: 0.0 HP  
 TOTAL ENGINE: 19.0 HP  
 0.0 N·m  
 18.84 N·m

1

SPORTDYNO V3J  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.



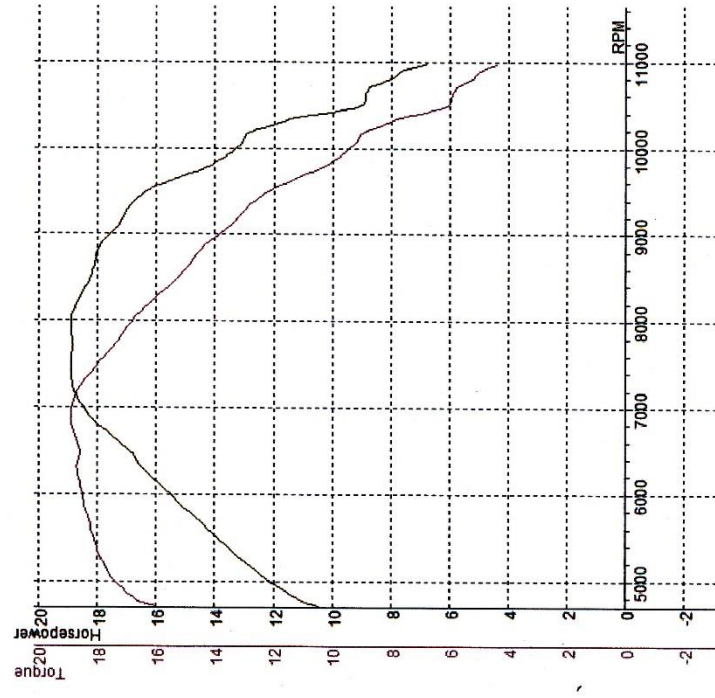
TEST NAME: UMY DYNO TEST SECORHYO T050  
 MAX POWER: 18.9 (18.9) / 7450  
 MAX TORQUE: 18.88 (18.88) / 6900  
 Pressure: 1000.0 mbar  
 Humidity: 40 %  
 Temp: 34.2 °C  
 Date/Time: 5/4/2018 4:02:29 PM

DATA FOR TEST: UMY DYNO TEST SECORHYO T050

Comments: SELL 92/REXTOR MAP D

RPM	HP (HP)	(N*M*M)	T
4250	10.8	16.36	0.52
4500	11.1	16.62	0.54
4750	11.3	16.80	0.56
5000	12.3	17.47	0.66
5250	13.1	17.84	0.76
5500	14.0	18.13	0.88
5750	14.8	18.33	1.00
6000	15.5	18.47	1.10
6250	16.4	18.66	1.22
6500	17.0	18.60	1.34
6750	17.8	18.82	1.44
6900	18.3	18.88	1.50
7000	18.5	18.81	1.56
7250	18.9	18.46	1.68
7450	18.9	18.09	1.76
7500	18.9	17.88	1.80
7750	18.9	17.28	1.92
8000	18.9	16.71	2.06
8250	18.6	15.90	2.20
8500	18.2	15.15	2.34
8750	18.0	14.60	2.48
9000	17.5	13.77	2.64
9250	17.0	13.03	2.80
9500	16.3	12.15	2.98
9750	14.4	10.41	3.20
10000	13.3	9.38	3.42
10250	12.0	8.26	3.70
10500	8.9	5.99	4.06
10750	8.3	5.43	4.46

LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.9 HP  
 0.0 N\*M\*M  
 18.88 N\*M\*M



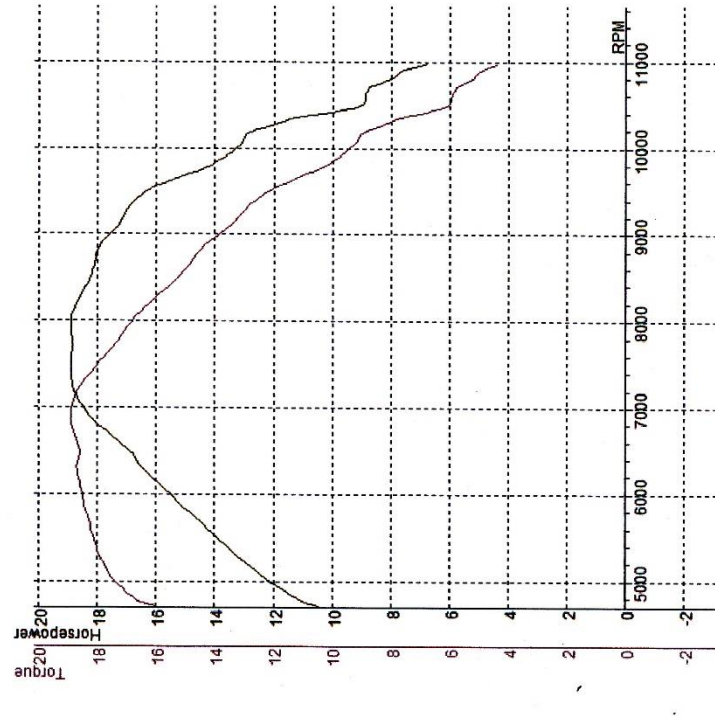


SPORTDYNO V3J  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME: UMY DYNO TEST SECORHYO T050  
 MAX POWER: 18.9 (18.9) / 7450  
 MAX TORQUE: 18.88 (18.88) / 6960  
 Temp. °C: 34.2 °C  
 Humidity %: 40 %  
 Pressure: 1000.0 mbar  
 KMH: 106.9  
 Date/Time: 5/4/2018 4:02:29 PM

DATA FOR TEST: UMY DYNO TEST SECORHYO T050

Comments  
 SELL 92/REXTOR MAP D



RPM	HP (HP/10)	(N*M/M)	T
4250	10.8	16.36	0.52
4500	11.1	16.62	0.54
4750	11.3	16.80	0.56
5000	12.3	17.47	0.66
5250	13.1	17.84	0.76
5500	14.0	18.13	0.88
5750	14.8	18.33	1.00
6000	15.5	18.47	1.10
6250	16.4	18.66	1.22
6500	17.0	18.60	1.34
6750	17.8	18.82	1.44
6900	18.3	18.88	1.50
7000	18.5	18.81	1.56
7250	18.9	18.46	1.68
7450	18.9	18.09	1.76
7500	18.9	17.88	1.80
7750	18.9	17.38	1.92
8000	18.9	16.71	2.06
8250	18.6	15.90	2.20
8500	18.2	15.15	2.34
8750	18.0	14.60	2.48
9000	17.5	13.77	2.64
9250	17.0	13.03	2.80
9500	16.3	12.15	2.98
9750	14.4	10.41	3.20
10000	13.3	9.38	3.42
10250	12.0	8.26	3.70
10500	8.9	5.99	4.06
10750	8.3	5.43	4.46

LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.9HP  
 18.88N\*M/M



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SPORTDYNO V3J  
DYNAMOMETER: SD325  
ROLLER INERTIA: 1.53  
Displacement Correction  
Correction Factor: ISO 1585  
NOTE: Load Cell Included.

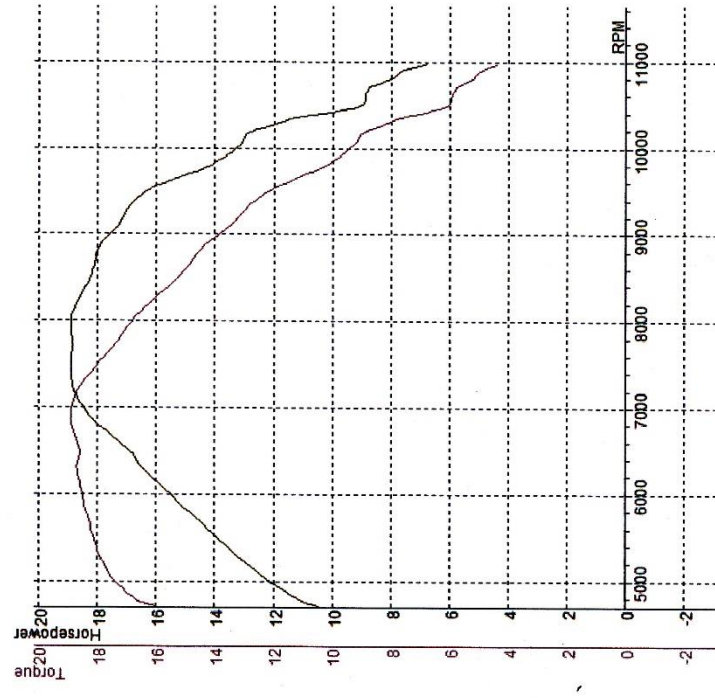
TEST NAME: UMY DYNO TEST SECORHYO T050  
MAX POWER: 18.9 (18.9) / 7450  
MAX TORQUE: 18.88 (18.88) / 6960  
Temp. °C: 34.2 °C  
Humidity %: 40 %  
Pressure: 1000.0 mbar  
KMH: 106.9  
Date/Time: 5/4/2018 4:02:29 PM

DATA FOR TEST: UMY DYNO TEST SECORHYO T050

Comments  
SELL 92/REXTOR MAP D

RPM	HP (HP/10)	(N*M/M)	T
4250	10.8	16.36	0.52
4500	11.1	16.62	0.54
4750	11.3	16.80	0.56
5000	12.3	17.47	0.66
5250	13.1	17.84	0.76
5500	14.0	18.13	0.88
5750	14.8	18.33	1.00
6000	15.5	18.47	1.10
6250	16.4	18.66	1.22
6500	17.0	18.60	1.34
6750	17.8	18.82	1.44
6900	18.3	18.88	1.50
7000	18.5	18.81	1.56
7250	18.9	18.46	1.68
7450	18.9	18.09	1.76
7500	18.9	17.98	1.80
7750	18.9	17.38	1.92
8000	18.9	16.71	2.06
8250	18.6	15.90	2.20
8500	18.2	15.15	2.34
8750	18.0	14.60	2.48
9000	17.5	13.77	2.64
9250	17.0	13.03	2.80
9500	16.3	12.15	2.98
9750	14.4	10.41	3.20
10000	13.3	9.38	3.42
10250	12.0	8.26	3.70
10500	8.9	5.99	4.06
10750	8.3	5.43	4.46

LOSSES: 0.0 HP  
TOTAL ENGINE: 18.9HP  
0.0N\*M/PM  
18.88N\*M/PM



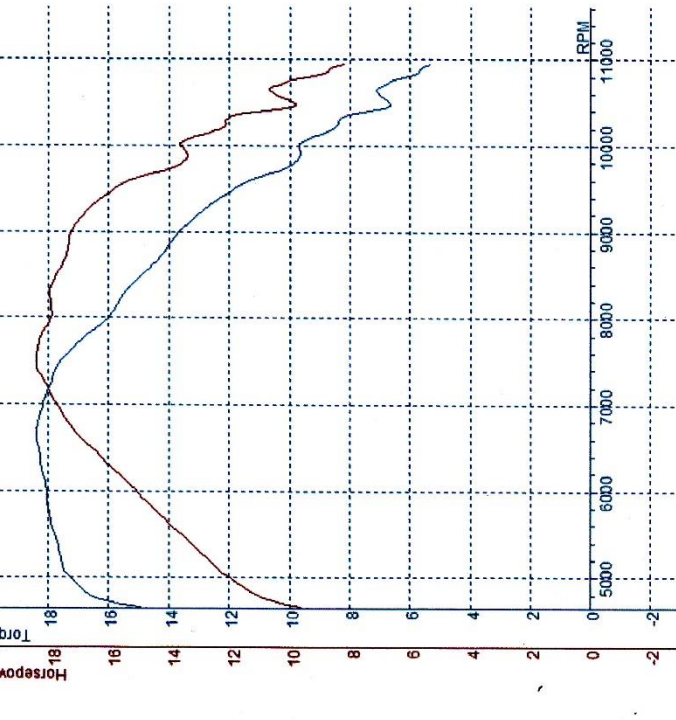


SPORTDYN0 V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME: UMY DYNO TEST SECORPIYO T105  
 MAX POWER: 18.5 (18.5) / 7506  
 MAX TORQUE: 18.40 (18.40) / 6622  
 Temp. °C: 34.6 °C  
 Humidity %: 38 %  
 Pressure: 1000.0 mbar  
 KMH: 106.6  
 Date/Time: 5/8/2018 2:23:44 PM

DATA FOR TEST: UMY DYNO TEST SECORPIYO T105

RPM	HP (HP)	(N*M*Min)	T
4350	10.2	15.56	0.52
4500	10.6	16.05	0.54
4750	10.9	16.41	0.56
5000	12.2	17.34	0.68
5250	13.0	17.60	0.80
5500	13.8	17.82	0.92
5750	14.5	17.97	1.02
6000	15.2	18.06	1.14
6250	16.0	18.23	1.28
6500	16.8	18.34	1.38
6622	17.1	18.40	1.42
6750	17.4	18.36	1.48
7000	17.8	18.15	1.60
7250	18.2	17.89	1.72
7500	18.5	17.57	1.84
7506	18.5	17.57	1.84
7750	18.4	16.83	1.98
8000	18.0	15.94	2.12
8250	18.1	15.50	2.26
8500	17.8	14.85	2.40
8750	17.5	14.13	2.56
9000	17.3	13.59	2.72
9250	16.8	12.84	2.88
9500	15.8	11.73	3.08
9750	13.9	10.07	3.28
10000	13.7	9.70	3.50
10250	12.2	8.39	3.76
10500	9.9	6.68	4.08
10750	10.0	6.56	4.42



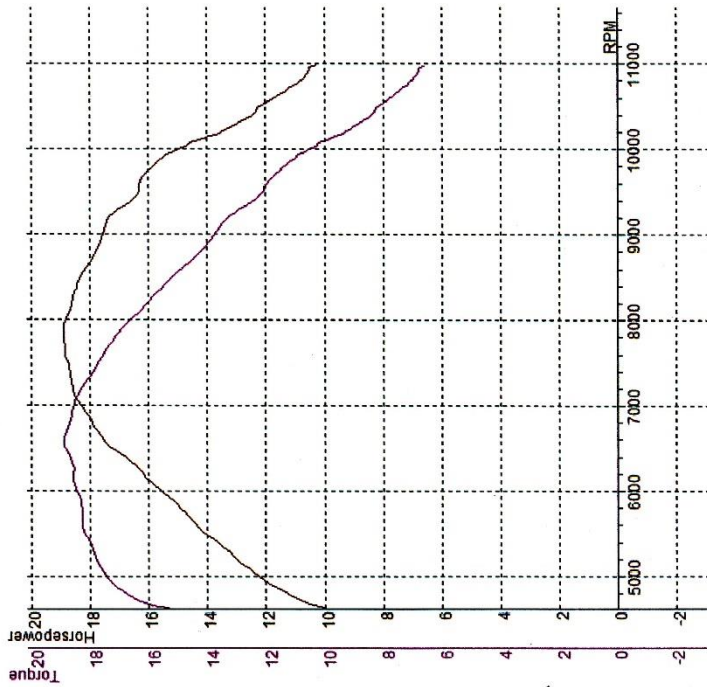
Comments: SELL 92/REXTOR MAF °D  
 LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.5 HP  
 0.0 N\*M\*Min  
 18.40 N\*M\*Min



SPORTDYN0 V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME: UMY DYN0 TEST SECORPIYO T056 | MAX POWER: 18.9 (18.9) / 7858 | MAX TORQUE: 19.00 (19.00) / 6555 | Pressure: 1000.0 mbar | KMH: 107.0 | Date/Time: 5/4/2018 4:16:18 PM  
 Temp: 34.2 °C | Humidity: 40%

DATA FOR TEST: UMY DYN0 TEST SECORPIYO T056



Comments  
 SELL92/REXTOR MAP E

RPM	HP (HP)	N*M	T
4250	0.7	15.97	0.57
4500	10.7	16.35	0.54
4750	11.0	16.62	0.56
5000	12.3	17.36	0.68
5250	13.2	17.95	0.80
5500	14.2	18.31	0.92
5750	14.8	18.36	1.02
6000	15.7	18.38	1.14
6250	16.3	18.65	1.24
6500	17.3	18.97	1.36
6555	17.5	19.00	1.38
6750	17.9	18.81	1.48
7000	18.3	18.64	1.58
7250	18.6	18.26	1.70
7500	18.8	17.79	1.82
7750	18.9	17.26	1.96
7858	18.9	17.10	2.00
8000	18.8	16.67	2.08
8250	18.6	15.96	2.22
8500	18.3	15.26	2.36
8750	17.8	14.39	2.52
9000	17.5	13.82	2.66
9250	17.2	13.13	2.84
9500	16.3	12.14	3.02
9750	15.9	11.57	3.20
10000	15.0	10.59	3.40
10250	13.2	9.13	3.64
10500	12.2	8.18	3.92
10750	11.0	7.25	4.20

LOSSES: 0.0 HP | 0.0N\*M\*M  
 TOTAL ENGINE: 18.9HP | 19.00N\*M\*M



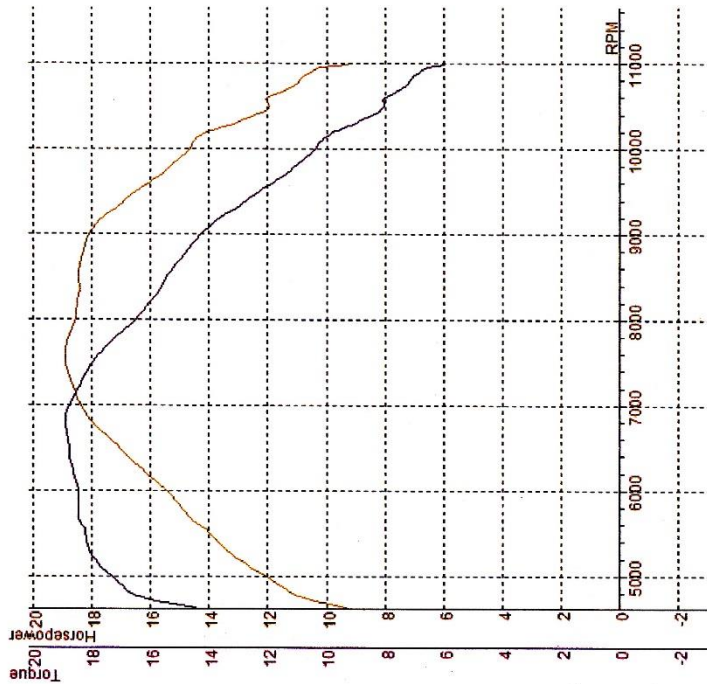
SPORTDYN0V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53

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

TEST NAME: UMY DYNO TEST SECORPIYO T057  
 MAX POWER: 18.9 (18.9) / 7586  
 MAX TORQUE: 18.87 (18.87) / 6821  
 Temp. °C: 34.2 °C  
 Humidity %: 40 %  
 Pressure: 1000.0 mbar  
 KMH: 107.0  
 Date/Time: 5/4/2018 4:16:34 PM

DATA FOR TEST: UMY DYNO TEST SECORPIYO T057

Comments  
 SELL92/REXTOR MAPE



RPM	HP (HP)	(N*M*M)	T
4250	9.9	15.18	0.52
4500	10.4	15.78	0.54
4750	10.8	16.24	0.56
5000	12.1	17.33	0.68
5250	13.3	18.02	0.80
5500	14.1	18.21	0.92
5750	14.8	18.42	1.02
6000	15.5	18.42	1.14
6250	16.4	18.63	1.26
6500	17.1	18.74	1.36
6750	17.9	18.87	1.48
7000	18.4	18.87	1.50
7250	18.7	18.65	1.60
7500	18.9	18.32	1.70
7586	18.9	17.92	1.82
7750	18.8	17.74	1.86
8000	18.5	17.20	1.96
8250	18.4	16.47	2.08
8500	18.4	15.86	2.22
8750	18.3	15.38	2.36
9000	18.0	14.84	2.50
9250	17.4	14.30	2.66
9500	16.4	13.32	2.82
9750	15.4	12.16	3.02
10000	14.6	10.36	3.40
10250	13.5	9.34	3.64
10500	12.0	8.04	3.92
10750	11.0	7.23	4.20

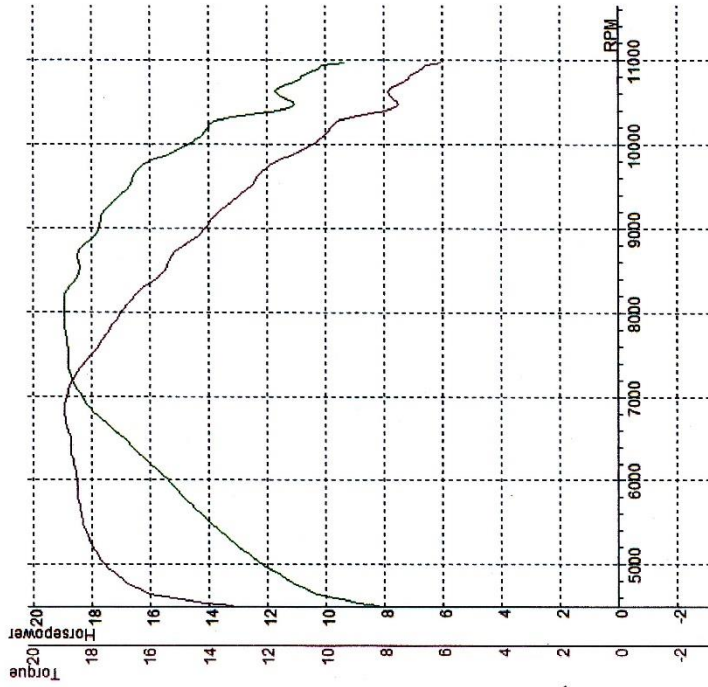
LOSSES: 0.0 HP  
 TOTAL ENGINE: 18.9HP  
 0.0N\*M\*M  
 18.87N\*M\*M



SPORTDYNO V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME: UMY DYNO TEST SECORPIYO T067 | MAX POWER: 19.0 (19.0) / 8081 | MAX TORQUE: 18.81 (18.81) / 6807 | Pressure: 1000.0 mbar | KMH: 106.8 | Date/Time: 5/4/2018 4:40:45 PM  
 Temp. °C: 34.2 °C | Humidity %: 41 %

DATA FOR TEST: UMY DYNO TEST SECORPIYO T067



Comments  
 SELL 92/REXTOR MAP E

RPM	HP (HP)	(N*M*M)	T
4500	8.9	14.05	0.57
4600	9.8	14.81	0.54
4700	11.2	16.30	0.64
5000	13.2	17.45	0.74
5200	13.2	17.52	0.86
5500	14.1	18.20	0.98
5750	14.9	18.56	1.10
6000	15.4	18.56	1.20
6250	16.3	18.54	1.32
6500	16.9	18.58	1.42
6750	17.8	18.80	1.54
6807	18.0	18.81	1.56
7000	18.4	18.68	1.66
7250	18.8	18.37	1.78
7500	18.8	17.80	1.90
7750	18.9	17.32	2.02
8000	19.0	16.84	2.14
8081	19.0	16.69	2.18
8250	18.9	16.23	2.28
8500	18.4	15.37	2.42
8750	18.3	14.80	2.58
9000	17.8	13.99	2.72
9250	17.4	13.28	2.90
9500	16.7	12.42	3.06
9750	16.1	11.69	3.26
10000	14.6	10.34	3.46
10250	13.8	9.53	3.70
10500	11.1	7.50	3.96
10750	11.0	7.24	4.26

LOSSES: 0.0 HP  
 TOTAL ENGINE: 19.0 HP  
 18.81 N\*M\*M



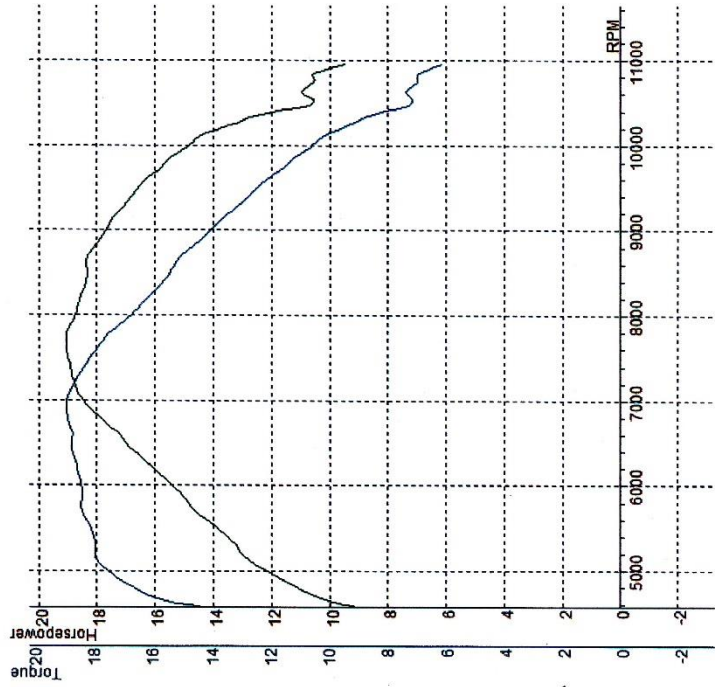


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SPORTDYN V3.3  
DYNAMOMETER: SD325  
ROLLER INERTIA: 1.53  
Displacement Correction  
Correction Factor: ISO 1585  
NOTE: Load Cell Included.

TEST NAME: CMY DYNOTEST SECORPYO T068 | MAX POWER: 19.1 (19.1) / 7704 | MAX TORQUE: 18.86 (18.86) / 6902 | Pressure: 1000.0 mbar | KMH: 106.8 | Date/Time: 5/4/2018 4:41:00 PM  
Humidity: 41 % | Temp: 34.2 °C

DATA FOR TEST: UMY DYNOTEST SECORPYO T068



Comments: SELL 92/REXTOR MAPE

RPM	HP (HP)	(N*M*M)	T
4250	9.7	15.08	0.52
4500	10.2	15.63	0.54
4750	10.8	16.33	0.58
5000	12.2	17.48	0.70
5250	13.2	17.88	0.82
5500	14.0	18.07	0.94
5750	14.9	18.34	1.06
6000	15.4	18.35	1.16
6250	16.3	18.54	1.28
6500	17.1	18.66	1.40
6750	17.8	18.78	1.50
7000	18.3	18.81	1.56
7250	18.6	18.80	1.62
7500	18.8	18.86	1.72
7704	19.1	18.86	1.86
7750	19.0	18.78	1.94
8000	18.7	18.64	2.10
8250	18.5	18.52	2.24
8500	18.3	18.30	2.38
8750	18.2	18.2	2.54
9000	17.7	17.7	2.68
9250	17.1	17.1	2.86
9500	16.6	16.6	3.02
9750	15.7	15.7	3.22
10000	14.8	14.8	3.42
10250	13.1	13.1	3.68
10500	10.5	10.5	3.96
10750	6.91	6.91	4.26

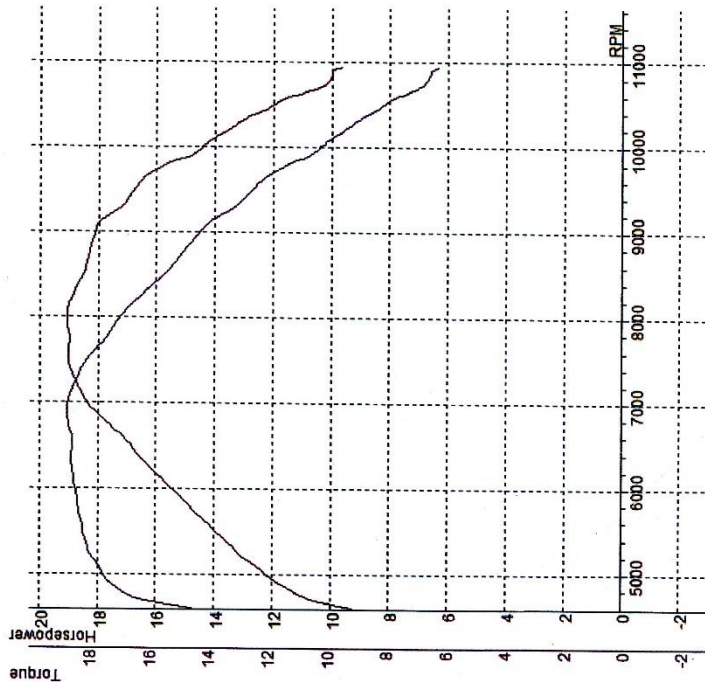
LOSSES: 0.0 HP  
TOTAL ENGINE: 19.1 HP  
0.0 N\*M\*M  
18.86 N\*M\*M



SPORTDYN V3.3  
 DYNAMOMETER: SD325  
 ROLLER INERTIA: 1.53  
 Displacement Correction  
 Correction Factor: ISO 1.585  
 NOTE: Load Cell Included.

TEST NAME: UMY DYNO TEST SECORPHYO T069  
 MAX POWER: 19.1 (19.1) / 8016  
 MAX TORQUE: 18.73 (18.73) / 6948  
 Temp. °C: 34.2 °C  
 Humidity %: 41 %  
 Pressure: 1000.0 mbar  
 KMH: 106.7  
 Date/Time: 5/4/2018 4:41:15 PM

DATA FOR TEST: UMY DYNO TEST SECORPHYO T069



Comments  
 SELL92/REXTOR MAPE

RPM	HP (HP)	(N*M/M)	T
4250	9.9	15.28	0.52
4300	10.3	15.87	0.54
4750	11.0	16.63	0.58
5000	12.3	17.51	0.70
5250	13.2	17.99	0.82
5500	14.1	18.19	0.94
5750	14.7	18.33	1.04
6000	15.5	18.45	1.16
6250	16.3	18.57	1.28
6500	16.9	18.53	1.38
6750	17.7	18.67	1.50
6948	18.3	18.73	1.58
7000	18.4	18.67	1.62
7250	18.8	18.43	1.72
7500	19.0	18.05	1.84
7750	19.0	17.36	1.98
8000	19.1	16.92	2.10
8016	19.1	16.92	2.10
8250	18.8	16.18	2.24
8500	18.5	15.41	2.38
8750	18.3	14.82	2.52
9000	18.1	14.22	2.68
9250	17.4	13.28	2.84
9500	16.7	12.45	3.02
9750	15.8	11.44	3.22
10000	14.4	10.18	3.42
10250	13.3	9.14	3.66
10500	12.0	8.08	3.92
10750	10.2	6.70	4.24

LOSSES: 0.0 HP  
 TOTAL ENGINE: 19.1 HP  
 0.0N\*M\*  
 18.73N\*M

**LAPORAN HASIL PENGUJIAN**

Nama Pelanggan : M. Nur Muslim  
 Fima Ditya N  
 Helmi Wildan R  
 Revanda Dharmawan

Alamat Pelanggan : Universitas Muhammadiyah Yogyakarta

Jenis Sampel : Pertamina dan Shell

Jumlah Sampel : 3 Sampel

Petugas Sampling : Woro Pawestri

Tanggal/Pukul Sampling : 06 Juli 2018/08.30 WIB

Tanggal Penerimaan Sampling : 06 Juli 2018

Tempat Pengujian : Laboratorium Teknik Mesin Ruang Pelayanan Mahasiswa

**Tabel Hasil Pengujian Sampel**

No	Nama Sampel	Hasil Pengujian	
		massa (gram)	Nilai Kalor (cal/gr)
1	Pertamax92	0,2351	12071,9590
2	Pertamax Turbo	0,2369	11589,9170
3	Shell Super	0,2266	11897,5590

Demikian hasil pengujian Kami untuk dapat dipergunakan sebagaimana mestinya.

Mengetahui,  
 Koordinator Laboratorium



Sunardi, S.T., M.Eng

Yogyakarta, 10 Juli 2018

Petugas Sampling



Woro Pawestri, S.Si