

LAMPIRAN



Dyno Test Result

RPM_Wheel_N-MAX_Super Admin_20-07-2025 09:33:23
 RPM_Wheel_N-MAX_Super Admin_20-07-2025 09:34:32
 RPM_Wheel_N-MAX_Super Admin_20-07-2025 08:53:41
 Kph_N-MAX_Super Admin_Live Kph_N-MAX_Super Admin_20-07-2025 09:29:57
 Kph_N-MAX_Super Admin_20-07-2025 09:30:38
 Kph_N-MAX_Super Admin_20-07-2025 09:33:23
 Kph_N-MAX_Super Admin_20-07-2025 09:34:32
 Kph_N-MAX_Super Admin_20-07-2025 08:53:41
 Torque_N-MAX_Super Admin_Live
 Torque_N-MAX_Super Admin_20-07-2025 09:29:57
 Torque_N-MAX_Super Admin_20-07-2025 09:30:38
 Torque_N-MAX_Super Admin_20-07-2025 09:33:23
 Torque_N-MAX_Super Admin_20-07-2025 09:34:32
 Torque_N-MAX_Super Admin_20-07-2025 08:53:41 HP_N-MAX_Super Admin_Live
 HP_Engine_N-MAX_Super Admin_20-07-2025 09:29:57
 HP_Engine_N-MAX_Super Admin_20-07-2025 09:30:38
 HP_Engine_N-MAX_Super Admin_20-07-2025 09:33:23
 HP_Engine_N-MAX_Super Admin_20-07-2025 09:34:32
 HP_Engine_N-MAX_Super Admin_20-07-2025 08:53:41

Date&Time	Engine	Owner	Max RPM Wheel	Max Kph	Max RPM Engine	Max Torque	Max HP	Max AFR
20-07-2025 09:29:57	N-MAX	Super Admin	3330	50.19@8605 RPM	8605	6.54 Nm4.81 lb-ft@8605 RPM	7.88 HP@8605 RPM	10@8605 RPM
20-07-2025 09:30:38	N-MAX	Super Admin	7740	116.66@9697 RPM	9697	6.53 Nm4.81 lb-ft@7407 RPM	7.7 HP@8907 RPM	10@8907 RPM
20-07-2025 09:33:23	N-MAX	Super Admin	4500	67.82@7015 RPM	7015	6.99 Nm5.14 lb-ft@7015 RPM	6.87 HP@7015 RPM	10@7015 RPM
20-07-2025 09:34:32	N-MAX	Super Admin	6210	93.6@9445 RPM	9445	7.21 Nm5.3 lb-ft@7048 RPM	8.34 HP@9445 RPM	10@9445 RPM

20-07-2025 08:53:41	N-MAX	Super Admin	8930	104.45 Nm@8971 RPM	8971	7.88 Nm@8971 RPM	8.47 HP@8971 RPM	10.00 AFR@8971 RPM	DaaymTech
---------------------	-------	-------------	------	--------------------	------	------------------	------------------	--------------------	-----------

20-07-2025 09:29:57-N-MAX-Super Admin-Max Torque :6.54 Nm4.81 lb-ft@8605 RPM-Max HP: 7.88 HP@8605 RPM

RPM Wheel	Kph	RPM Engine	Torque	HP	AFR
1350.00	20.35	4972.00	0.14	0.13	10.00
1530.00	23.06	5231.00	1.43	1.42	10.00
1800.00	27.13	5440.00	2.44	2.52	10.00
2070.00	31.20	5554.00	3.16	3.34	10.00
2340.00	35.27	5653.00	3.70	3.98	10.00
2610.00	39.34	5760.00	4.12	4.51	10.00
2700.00	40.69	5873.00	4.34	4.85	10.00
2970.00	44.76	5958.00	4.54	5.16	10.00
3150.00	47.48	6091.00	4.70	5.45	10.00
3330.00	50.19	8605.00	4.81	7.88	10.00

20-07-2025 09:30:38-N-MAX-Super Admin-Max Torque :6.53 Nm4.8 lb-ft@7407 RPM-Max HP: 7.7 HP@8907 RPM

RPM Wheel	Kph	RPM Engine	Torque	HP	AFR
900.00	13.56	4184.00	0.03	0.02	10.00
1260.00	18.99	4446.00	2.57	2.18	10.00
1350.00	20.35	4702.00	3.14	2.81	10.00
1530.00	23.06	4831.00	3.47	3.19	10.00
1710.00	25.77	4937.00	3.70	3.47	10.00
1890.00	28.49	4992.00	3.86	3.67	10.00
2070.00	31.20	5065.00	3.99	3.84	10.00
2250.00	33.91	5151.00	4.09	4.01	10.00
2430.00	36.62	5275.00	4.17	4.19	10.00
2520.00	37.98	5420.00	4.21	4.35	10.00
2700.00	40.69	5591.00	4.25	4.52	10.00
2880.00	43.41	5732.00	4.29	4.68	10.00
3060.00	46.12	5855.00	4.32	4.82	10.00
3240.00	48.83	5985.00	4.35	4.96	10.00
3420.00	51.55	6096.00	4.38	5.08	10.00
3600.00	54.26	6270.00	4.40	5.26	10.00
3780.00	56.97	6378.00	4.43	5.38	10.00
3960.00	59.69	6531.00	4.45	5.53	10.00
4140.00	62.40	6663.00	4.47	5.67	10.00
4320.00	65.11	6781.00	4.49	5.79	10.00
4500.00	67.82	6877.00	4.74	6.21	10.00
4680.00	70.54	6983.00	4.73	6.29	10.00
4860.00	73.25	7067.00	4.76	6.41	10.00
4950.00	74.61	7112.00	4.78	6.48	10.00
5130.00	77.32	7178.00	4.80	6.55	10.00
5310.00	80.03	7251.00	4.80	6.63	10.00



5400.00	81.39	7333.00	4.80	6.71	10.00
5580.00	84.10	7407.00	4.80	6.77	10.00
5670.00	85.46	7535.00	4.79	6.87	10.00
5850.00	88.17	7637.00	4.79	6.97	10.00
5940.00	89.53	7796.00	4.79	7.11	10.00
6030.00	90.88	7934.00	4.78	7.22	10.00
6120.00	92.24	8077.00	4.76	7.32	10.00
6300.00	94.95	8219.00	4.74	7.42	10.00
6390.00	96.31	8354.00	4.71	7.50	10.00
6480.00	97.67	8481.00	4.68	7.56	10.00
6570.00	99.02	8630.00	4.64	7.62	10.00
6750.00	101.74	8756.00	4.59	7.66	10.00
6840.00	103.09	8907.00	4.54	7.70	10.00
6930.00	104.45	9009.00	4.49	7.69	10.00
7020.00	105.81	9154.00	4.41	7.68	10.00
7110.00	107.16	9247.00	4.34	7.64	10.00
7200.00	108.52	9375.00	4.26	7.60	10.00
7290.00	109.87	9472.00	4.18	7.54	10.00
7380.00	111.23	9581.00	4.10	7.47	10.00
7470.00	112.59	9677.00	4.01	7.38	10.00
7560.00	113.94	9768.00	3.92	7.30	10.00
7650.00	115.30	9865.00	3.83	7.20	10.00
7740.00	116.66	9897.00	3.75	7.07	10.00

20-07-2025 09:33:23-N-MAX-Super Admin-Max Torque :6.99 Nm5.14 lb-ft@7015 RPM-Max HP:
6.87 HP@7015 RPM

RPM Wheel	Kph	RPM Engine	Torque	HP	AFR
1350.00	20.35	4900.00	0.05	0.04	10.00
1530.00	23.06	5288.00	1.31	1.32	10.00
1800.00	27.13	5518.00	2.30	2.41	10.00
2070.00	31.20	5675.00	3.00	3.24	10.00
2430.00	36.62	5778.00	3.63	3.99	10.00
2610.00	39.34	5923.00	4.02	4.53	10.00
2880.00	43.41	6022.00	4.33	4.97	10.00
3060.00	46.12	6146.00	4.55	5.32	10.00
3330.00	50.19	6246.00	4.74	5.63	10.00
3510.00	52.90	6385.00	4.88	5.93	10.00
4140.00	62.40	6799.00	4.99	6.46	10.00
4320.00	65.11	6909.00	5.07	6.68	10.00
4500.00	67.82	7015.00	5.14	6.87	10.00

20-07-2025 09:34:32-N-MAX-Super Admin-Max Torque :7.21 Nm5.3 lb-ft@7048 RPM-Max HP: 8.34
HP@9445 RPM

RPM Wheel	Kph	RPM Engine	Torque	HP	AFR
1440.00	21.70	5051.00	0.04	0.04	10.00
1620.00	24.42	5352.00	1.31	1.33	10.00
1890.00	28.49	5528.00	2.29	2.41	10.00
2160.00	32.56	5621.00	3.00	3.21	10.00



2520.00	37.98	5704.00	3.63	3.94	10.00
2700.00	40.69	5810.00	4.02	4.44	10.00
2880.00	43.41	5883.00	4.28	4.79	10.00
3150.00	47.48	5950.00	4.50	5.10	10.00
3240.00	48.83	6016.00	4.63	5.30	10.00
3420.00	51.55	6111.00	4.73	5.50	10.00
3780.00	56.97	6334.00	4.81	5.80	10.00
3870.00	58.33	6415.00	4.85	5.92	10.00
4050.00	61.04	6524.00	4.88	6.07	10.00
4230.00	63.75	6618.00	4.91	6.19	10.00
4320.00	65.11	6696.00	4.93	6.28	10.00
4500.00	67.82	6761.00	4.94	6.36	10.00
4590.00	69.18	6808.00	4.94	6.40	10.00
4770.00	71.89	6868.00	4.94	6.46	10.00
4860.00	73.25	6915.00	4.93	6.50	10.00
4950.00	74.61	6952.00	4.92	6.52	10.00
5130.00	77.32	6988.00	5.17	6.88	10.00
5220.00	78.68	7004.00	5.28	7.05	10.00
5310.00	80.03	7048.00	5.30	7.11	10.00
5400.00	81.39	7098.00	5.26	7.11	10.00
5490.00	82.75	7183.00	5.15	7.05	10.00
5670.00	85.46	7457.00	5.05	7.17	10.00
5760.00	86.81	7635.00	4.95	7.20	10.00
5940.00	89.53	7816.00	4.83	7.19	10.00
6030.00	90.88	8006.00	4.74	7.22	10.00
6210.00	93.60	9445.00	4.64	8.34	10.00

20-07-2025 08:53:41-N-MAX-Super Admin-Max Torque :7.66 Nm5.63 lb-ft@7253 RPM-Max HP:

8.47 HP@8971 RPM

RPM Wheel	Kph	RPM Engine	Torque	HP	AFR
1080.00	16.28	4529.00	0.05	0.04	10.00
1440.00	21.70	4881.00	2.50	2.33	10.00
1710.00	25.77	5126.00	3.59	3.50	10.00
1980.00	29.84	5285.00	4.24	4.26	10.00
2160.00	32.56	5380.00	4.57	4.68	10.00
2340.00	35.27	5483.00	4.77	4.98	10.00
2610.00	39.34	5593.00	4.94	5.27	10.00
2790.00	42.05	5737.00	5.06	5.53	10.00
2970.00	44.76	5837.00	5.14	5.71	10.00
3150.00	47.48	5923.00	5.19	5.85	10.00
3330.00	50.19	6014.00	5.23	5.99	10.00
3510.00	52.90	6158.00	5.25	6.16	10.00
3690.00	55.62	6331.00	5.27	6.36	10.00
3870.00	58.33	6482.00	5.29	6.52	10.00
4050.00	61.04	6621.00	5.29	6.68	10.00
4230.00	63.75	6744.00	5.30	6.81	10.00
4500.00	67.82	6868.00	5.31	6.95	10.00
4680.00	70.54	6962.00	5.32	7.06	10.00

4860.00	73.25	7062.00	5.33	7.17	10.00
5040.00	75.96	7132.00	5.33	7.24	10.00
5220.00	78.68	7202.00	5.61	7.70	10.00
5310.00	80.03	7253.00	5.63	7.78	10.00
5490.00	82.75	7326.00	5.60	7.81	10.00
5670.00	85.46	7444.00	5.55	7.86	10.00
5760.00	86.81	7570.00	5.50	7.92	10.00
5940.00	89.53	7723.00	5.45	8.02	10.00
6030.00	90.88	7888.00	5.39	8.09	10.00
6210.00	93.60	8038.00	5.33	8.16	10.00
6300.00	94.95	8214.00	5.27	8.24	10.00
6390.00	96.31	8365.00	5.21	8.30	10.00
6570.00	99.02	8500.00	5.15	8.33	10.00
6660.00	100.38	8668.00	5.09	8.40	10.00
6750.00	101.74	8826.00	5.02	8.44	10.00
6930.00	104.45	8971.00	4.96	8.47	10.00



Lampiran 1 Data Hasil Uji Pertamina Murni



Dyno Test Result

RPM_Wheel_N-MAX_Super Admin_19-07-2025 16:21:00
 RPM_Wheel_N-MAX_Super Admin_19-07-2025 16:11:25
 RPM_Wheel_N-MAX_Super Admin_19-07-2025 16:10:07
 Kph_N-MAX_Super Admin_Live Kph_N-MAX_Super Admin_19-07-2025 16:21:58
 Kph_N-MAX_Super Admin_19-07-2025 16:21:32
 Kph_N-MAX_Super Admin_19-07-2025 16:21:00
 Kph_N-MAX_Super Admin_19-07-2025 16:11:25
 Kph_N-MAX_Super Admin_19-07-2025 16:10:07
 Torque_N-MAX_Super Admin_Live
 Torque_N-MAX_Super Admin_19-07-2025 16:21:58
 Torque_N-MAX_Super Admin_19-07-2025 16:21:32
 Torque_N-MAX_Super Admin_19-07-2025 16:21:00
 Torque_N-MAX_Super Admin_19-07-2025 16:11:25
 Torque_N-MAX_Super Admin_19-07-2025 16:10:07 HP_N-MAX_Super Admin_Live
 HP_Engine_N-MAX_Super Admin_19-07-2025 16:21:58
 HP_Engine_N-MAX_Super Admin_19-07-2025 16:21:32
 HP_Engine_N-MAX_Super Admin_19-07-2025 16:21:00
 HP_Engine_N-MAX_Super Admin_19-07-2025 16:11:25
 HP_Engine_N-MAX_Super Admin_19-07-2025 16:10:07

Date&Time	Engine	Owner	Max RPM Wheel	Max Kph	Max RPM Engine	Max Torque	Max HP	Max AFR
19-07-2025 16:21:58	N-MAX	Super Admin	8100	122.08 @9963 RPM	9963	9.33 Nm6.86 lb-ft@8086 RPM	11.12 HP@9963 RPM	10@9963 RPM
19-07-2025 16:21:32	N-MAX	Super Admin	8010	120.73 @9920 RPM	9920	8.72 Nm6.41 lb-ft@8201 RPM	10.27 HP@8883 RPM	10@8883 RPM
19-07-2025 16:21:00	N-MAX	Super Admin	7920	119.37 @9819 RPM	9819	8.98 Nm6.6 lb-ft@8097 RPM	10.63 HP@9282 RPM	10@9282 RPM
19-07-2025 16:11:25	N-MAX	Super Admin	8190	123.44 @9990 RPM	9990	8.12 Nm5.97 lb-ft@7737 RPM	9.1 HP@8285 RPM	10@8285 RPM

19-07-2025 16:10:07	N-MAX	Super Admin	8010	120.73 @9887 RPM	9887	8.16 Nm6.0 lb- ft@791 9 RPM	9.28 HP@83 91 RPM	10.63 RPM	
------------------------	-------	-------------	------	------------------------	------	---	----------------------------	--------------	---

19-07-2025 16:21:58-N-MAX-Super Admin-Max Torque :9.33 Nm6.86 lb-ft@8086 RPM-Max HP:
11.12 HP@9963 RPM

RPM Wheel	Kph	RPM Engine	Torque	HP	AFR
1350.00	20.35	5207.00	0.08	0.08	10.00
1530.00	23.06	5600.00	1.33	1.42	10.00
1890.00	28.49	5945.00	2.60	2.94	10.00
2340.00	35.27	6128.00	3.71	4.33	10.00
2520.00	37.98	6317.00	4.30	5.17	10.00
2880.00	43.41	6441.00	4.79	5.87	10.00
3150.00	47.48	6509.00	5.15	6.38	10.00
3420.00	51.55	6564.00	5.42	6.78	10.00
3690.00	55.62	6628.00	5.64	7.12	10.00
3960.00	59.69	6743.00	5.82	7.47	10.00
4140.00	62.40	6910.00	5.94	7.82	10.00
4320.00	65.11	7062.00	6.03	8.11	10.00
4590.00	69.18	7201.00	6.11	8.38	10.00
4680.00	70.54	7302.00	6.16	8.56	10.00
4950.00	74.61	7385.00	6.20	8.72	10.00
5130.00	77.32	7451.00	6.23	8.84	10.00
5310.00	80.03	7509.00	6.26	8.94	10.00
5490.00	82.75	7571.00	6.27	9.04	10.00
5670.00	85.46	7637.00	6.28	9.13	10.00
5850.00	88.17	7710.00	6.29	9.23	10.00
5940.00	89.53	7802.00	6.61	9.81	10.00
6120.00	92.24	7940.00	6.80	10.28	10.00
6300.00	94.95	8086.00	6.86	10.56	10.00
6390.00	96.31	8232.00	6.79	10.65	10.00
6570.00	99.02	8358.00	6.75	10.74	10.00
6660.00	100.38	8508.00	6.65	10.78	10.00
6840.00	103.09	8650.00	6.55	10.79	10.00
6930.00	104.45	8782.00	6.43	10.76	10.00
7020.00	105.81	8917.00	6.30	10.70	10.00
7200.00	108.52	9038.00	6.16	10.60	10.00
7290.00	109.87	9163.00	6.02	10.51	10.00
7380.00	111.23	9299.00	5.89	10.42	10.00
7560.00	113.94	9416.00	5.74	10.30	10.00
2610.00	39.34	9946.00	5.62	10.64	10.00
8100.00	122.08	9963.00	5.86	11.12	10.00

19-07-2025 16:21:32-N-MAX-Super Admin-Max Torque :8.72 Nm6.41 lb-ft@8201 RPM-Max HP:
10.27 HP@8883 RPM

RPM Wheel	Kph	RPM Engine	Torque	HP	AFR
1260.00	18.99	4833.00	0.01	0.01	10.00



1440.00	21.70	5242.00	1.29	1.28	10.00
1710.00	25.77	5581.00	2.28	2.42	10.00
1980.00	29.84	5857.00	2.98	3.33	10.00
2250.00	33.91	6003.00	3.51	4.01	10.00
2610.00	39.34	6151.00	3.99	4.67	10.00
2880.00	43.41	6319.00	4.36	5.24	10.00
3150.00	47.48	6435.00	4.65	5.70	10.00
3330.00	50.19	6504.00	4.86	6.02	10.00
3600.00	54.26	6547.00	5.04	6.28	10.00
3780.00	56.97	6681.00	5.17	6.58	10.00
4050.00	61.04	6850.00	5.29	6.90	10.00
4320.00	65.11	7058.00	5.39	7.25	10.00
4500.00	67.82	7208.00	5.48	7.52	10.00
4680.00	70.54	7317.00	5.54	7.72	10.00
4860.00	73.25	7403.00	5.60	7.89	10.00
5040.00	75.96	7455.00	5.64	8.00	10.00
5310.00	80.03	7524.00	5.68	8.14	10.00
5490.00	82.75	7585.00	5.71	8.25	10.00
5580.00	84.10	7660.00	5.73	8.36	10.00
5760.00	86.81	7727.00	6.05	8.90	10.00
5940.00	89.53	7820.00	6.24	9.30	10.00
6120.00	92.24	7932.00	6.34	9.58	10.00
6300.00	94.95	8064.00	6.39	9.82	10.00
6390.00	96.31	8201.00	6.41	10.00	10.00
6570.00	99.02	8335.00	6.37	10.11	10.00
6660.00	100.38	8476.00	6.31	10.18	10.00
6840.00	103.09	8628.00	6.23	10.24	10.00
6930.00	104.45	8746.00	6.16	10.26	10.00
7020.00	105.81	8883.00	6.07	10.27	10.00
7200.00	108.52	8992.00	5.99	10.26	10.00
7290.00	109.87	9140.00	5.89	10.25	10.00
7380.00	111.23	9256.00	5.77	10.18	10.00
7470.00	112.59	9380.00	5.66	10.10	10.00
7560.00	113.94	9511.00	5.54	10.03	10.00
7740.00	116.66	9600.00	5.42	9.91	10.00
7830.00	118.01	9708.00	5.31	9.81	10.00
7920.00	119.37	9829.00	5.17	9.68	10.00
8010.00	120.73	9920.00	5.03	9.51	10.00

19-07-2025 16:21:00-N-MAX-Super Admin-Max Torque :8.98 Nm6.6 lb-ft@8097 RPM-Max HP:
10.63 HP@9282 RPM

RPM Wheel	Kph	RPM Engine	Torque	HP	AFR
1350.00	20.35	5135.00	0.02	0.02	10.00
1620.00	24.42	5493.00	1.93	2.01	10.00
1800.00	27.13	5763.00	2.70	2.97	10.00
2250.00	33.91	6000.00	3.62	4.14	10.00
2430.00	36.62	6145.00	4.12	4.83	10.00
2790.00	42.05	6294.00	4.57	5.48	10.00



3060.00	46.12	6403.00	4.91	5.98	10.00
3330.00	50.19	6468.00	5.17	6.37	10.00
3600.00	54.26	6537.00	5.39	6.70	10.00
3780.00	56.97	6647.00	5.54	7.01	10.00
3960.00	59.69	6835.00	5.64	7.35	10.00
4230.00	63.75	7017.00	5.74	7.67	10.00
4410.00	66.47	7173.00	5.81	7.94	10.00
4590.00	69.18	7313.00	5.87	8.17	10.00
4860.00	73.25	7409.00	5.92	8.35	10.00
5040.00	75.96	7475.00	5.96	8.48	10.00
5220.00	78.68	7524.00	5.99	8.58	10.00
5490.00	82.75	7596.00	6.02	8.70	10.00
5580.00	84.10	7682.00	6.03	8.82	10.00
5760.00	86.81	7753.00	6.04	8.92	10.00
5940.00	89.53	7841.00	6.37	9.51	10.00
6120.00	92.24	7968.00	6.49	9.85	10.00
6300.00	94.95	8097.00	6.60	10.18	10.00
6390.00	96.31	8232.00	6.58	10.31	10.00
6570.00	99.02	8365.00	6.56	10.45	10.00
6660.00	100.38	8496.00	6.50	10.51	10.00
6840.00	103.09	8645.00	6.42	10.56	10.00
6930.00	104.45	8764.00	6.32	10.55	10.00
7110.00	107.16	8912.00	6.22	10.55	10.00
7200.00	108.52	9025.00	6.11	10.51	10.00
7380.00	111.23	9282.00	6.01	10.63	10.00
7560.00	113.94	9404.00	5.90	10.57	10.00
7650.00	115.30	9517.00	5.79	10.50	10.00
7740.00	116.66	9618.00	5.68	10.40	10.00
7920.00	119.37	9819.00	5.55	10.38	10.00

19-07-2025 16:11:25-N-MAX-Super Admin-Max Torque :8.12 Nm5.97 lb-ft@7737 RPM-Max HP: 9.1 HP@8285 RPM

RPM Wheel	Kph	RPM Engine	Torque	HP	AFR
1260.00	18.99	4861.00	0.05	0.04	10.00
1440.00	21.70	5304.00	1.27	1.28	10.00
1710.00	25.77	5661.00	2.22	2.39	10.00
1980.00	29.84	5858.00	2.90	3.23	10.00
2340.00	35.27	6041.00	3.50	4.03	10.00
2520.00	37.98	6171.00	3.88	4.56	10.00
2790.00	42.05	6299.00	4.18	5.01	10.00
3060.00	46.12	6389.00	4.43	5.39	10.00
3420.00	51.55	6480.00	4.67	5.76	10.00
3600.00	54.26	6551.00	4.84	6.04	10.00
3780.00	56.97	6643.00	4.97	6.29	10.00
4050.00	61.04	6770.00	5.09	6.56	10.00
4230.00	63.75	6918.00	5.18	6.82	10.00
4410.00	66.47	7078.00	5.25	7.07	10.00
4590.00	69.18	7151.00	5.30	7.22	10.00



4680.00	70.54	7199.00	5.34	7.32	10.00
4860.00	73.25	7208.00	5.36	7.36	10.00
5040.00	75.96	7221.00	5.39	7.41	10.00
5220.00	78.68	7263.00	5.40	7.47	10.00
5400.00	81.39	7360.00	5.42	7.59	10.00
5490.00	82.75	7460.00	5.70	8.10	10.00
5670.00	85.46	7524.00	5.87	8.41	10.00
5850.00	88.17	7635.00	5.95	8.64	10.00
5940.00	89.53	7737.00	5.97	8.79	10.00
6120.00	92.24	7863.00	5.93	8.88	10.00
6210.00	93.60	7993.00	5.90	8.97	10.00
6390.00	96.31	8134.00	5.84	9.05	10.00
6480.00	97.67	8285.00	5.77	9.10	10.00
6660.00	100.38	8410.00	5.66	9.07	10.00
6750.00	101.74	8525.00	5.56	9.02	10.00
6840.00	103.09	8665.00	5.45	9.00	10.00
7020.00	105.81	8797.00	5.34	8.94	10.00
7110.00	107.16	8933.00	5.22	8.88	10.00
7200.00	108.52	9027.00	5.11	8.77	10.00
7290.00	109.87	9149.00	4.99	8.69	10.00
7470.00	112.59	9264.00	4.88	8.62	10.00
7560.00	113.94	9392.00	4.78	8.55	10.00
7650.00	115.30	9487.00	4.67	8.44	10.00
7740.00	116.66	9581.00	4.56	8.31	10.00
7830.00	118.01	9699.00	4.44	8.20	10.00
7920.00	119.37	9781.00	4.32	8.04	10.00
8010.00	120.73	9868.00	4.19	7.87	10.00
8190.00	123.44	9990.00	4.05	7.71	10.00

19-07-2025 16:10:07-N-MAX-Super Admin-Max Torque :8.16 Nm6.0 lb-ft@7919 RPM-Max HP: 9.28
HP@8391 RPM

RPM Wheel	Kph	RPM Engine	Torque	HP	AFR
1350.00	20.35	5056.00	0.05	0.05	10.00
1440.00	21.70	5422.00	0.65	0.67	10.00
1800.00	27.13	5717.00	1.81	1.97	10.00
1980.00	29.84	5920.00	2.44	2.75	10.00
2430.00	36.62	6041.00	3.13	3.61	10.00
2610.00	39.34	6222.00	3.57	4.23	10.00
2880.00	43.41	6351.00	3.92	4.74	10.00
3150.00	47.48	6457.00	4.20	5.16	10.00
3420.00	51.55	6538.00	4.43	5.52	10.00
3690.00	55.62	6597.00	4.63	5.81	10.00
3870.00	58.33	6734.00	4.78	6.13	10.00
4050.00	61.04	6887.00	4.89	6.42	10.00
4230.00	63.75	7048.00	4.98	6.69	10.00
4500.00	67.82	7166.00	5.07	6.92	10.00
4680.00	70.54	7269.00	5.14	7.11	10.00
4860.00	73.25	7334.00	5.19	7.25	10.00

5040.00	75.96	7383.00	5.23	7.36	10.00
5220.00	78.68	7422.00	5.27	7.45	10.00
5400.00	81.39	7477.00	5.30	7.55	10.00
5490.00	82.75	7547.00	5.32	7.64	10.00
5670.00	85.46	7625.00	5.61	8.15	10.00
5850.00	88.17	7716.00	5.85	8.60	10.00
6030.00	90.88	7808.00	5.93	8.82	10.00
6120.00	92.24	7919.00	6.00	9.05	10.00
6210.00	93.60	8034.00	5.96	9.12	10.00
6390.00	96.31	8145.00	5.94	9.20	10.00
6480.00	97.67	8269.00	5.88	9.26	10.00
6570.00	99.02	8391.00	5.81	9.28	10.00
6750.00	101.74	8505.00	5.72	9.26	10.00
6840.00	103.09	8628.00	5.62	9.23	10.00
6930.00	104.45	8736.00	5.51	9.17	10.00
7110.00	107.16	8854.00	5.41	9.12	10.00
7200.00	108.52	8960.00	5.31	9.06	10.00
7290.00	109.87	9066.00	5.20	8.97	10.00
7380.00	111.23	9163.00	5.08	8.86	10.00
7470.00	112.59	9273.00	4.95	8.75	10.00
7650.00	115.30	9454.00	4.83	8.69	10.00
7740.00	116.66	9637.00	4.70	8.62	10.00
7830.00	118.01	9718.00	4.56	8.44	10.00
7920.00	119.37	9813.00	4.44	8.29	10.00
8010.00	120.73	9887.00	4.29	8.08	10.00



Lampiran 2 Data Hasil Uji PE20

Lampiran 3 : Lembar Bimbingan laporan TA

LEMBAR BIMBINGAN TUGAS AKHIR

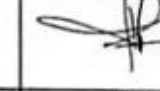


Nama Mahasiswa	: Moh Khaeron Faesal
Nomor Induk Mahasiswa	: 22020039
Nama Pembimbing PKL	: 1. Firman Lukman Sanjaya 2. Nur Aidi Ariyanto
Judul Laporan PKL	: UJI TORSI DAN DAYA MESIN 155CC
	MENGGUNAKAN BAHAN BAKAR
	CAMPURAN PERTAMAX DAN ETANOL 20%
	MENGGUNAKAN DYNOTEST

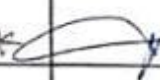
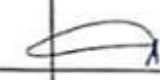
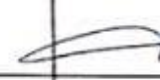
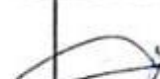
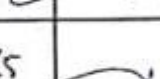
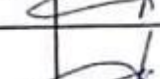
**PROGRAM STUDI DIII TEKNIK MESIN
POLITEKNIK HARAPAN BERSAMA TEGAL**

2025

Rekap Pembimbingan Penyusunan Laporan Tugas Akhir

PEMBIMBING I		Nama	Firman Lukman Sanjaya, M.T		
		NIDN/NUPN	0630069202		
No	Hari	Tanggal	Uraian	Tanda Tangan	
1			Menentukan Produk untuk TA		
2			Menentukan Judul T A		
3			Bimbingan BAB 1		
4			Revisi Bimbingan BAB1		
5			Bimbingan BAB 2		
6			Revisi Bimbingan BAB2		
7			Bimbingan BAB 3		
8			Revisi Bimbingan BAB3		
9			Bimbingan BAB 4,5 & Jurnal		
10			Revisi Bimbingan BAB 4,5 dan Jurnal		
			Acc	Lap	

Rekap Pembimbingan Penyusunan Laporan Tugas Akhir

PEMBIMBING II		Nama		NUT Aidi Ariyanto, M.T	
		NIDN/NUPN		0623127906	
No	Hari	Tanggal	Uraian	Tanda Tangan	
1			Bimbingan Judul & Produk		
2			Bimbingan BAB 1		
3			Revisi BAB 1		
4			Bimbingan BAB 2		
5			Revisi BAB 2		
6			Bimbingan BAB 3		
7			Revisi bimbingan BAB 3		
8			Bimbingan BAB 4 & 5		
9			Revisi bimbingan BAB 4 & 5		
10			Acc Laporan TA		

Lampiran A.2 : Formulir Kesiediaan Pembimbing dan Judul Tugas Akhir



POLITEKNIK HARAPAN BERSAMA

PENGAJUAN KESEDIAAN PEMBIMBING DAN JUDUL TUGAS AKHIR

Kami yang bertanda tangan dibawah ini :

No	NIDN/NUPN	Nama (lengkap dengan gelar)	Keterangan
1	0630069202	Firman Lukman Sanjaya, M.T	Pembimbing I
2	0623127906	Nur Aidi Ariyanto, M.T	Pembimbing II

Menyatakan **BERSEDIA / TIDAK-BERSEDIA** membimbing Tugas Akhir mahasiswa berikut :

No	NIM	Nama Mahasiswa	Kelas
1.	22020039	M. Khaeron Faesal	B
Produk Tugas Akhir		Dyno Test	

Sesuai dengan waktu yang telah disepakati, Tugas Akhir dilaksanakan mulai bulan Maret tahun 2025 sampai dengan pelaksanaan Sidang Tugas Akhir bulan Juli tahun 2025

Tegal, 04 Maret 2025

Pembimbing 1,

(Firman Lukman Sanjaya, M.T)
NIDN. 0630069202

Pembimbing 2,

(Nur Aidi Ariyanto, M.T)
NIDN. 0623127906

Ketua Program Studi
Diploma III Teknik Mesin

M. Khumaich Usman, M.Eng
NIPY. 01.015.263