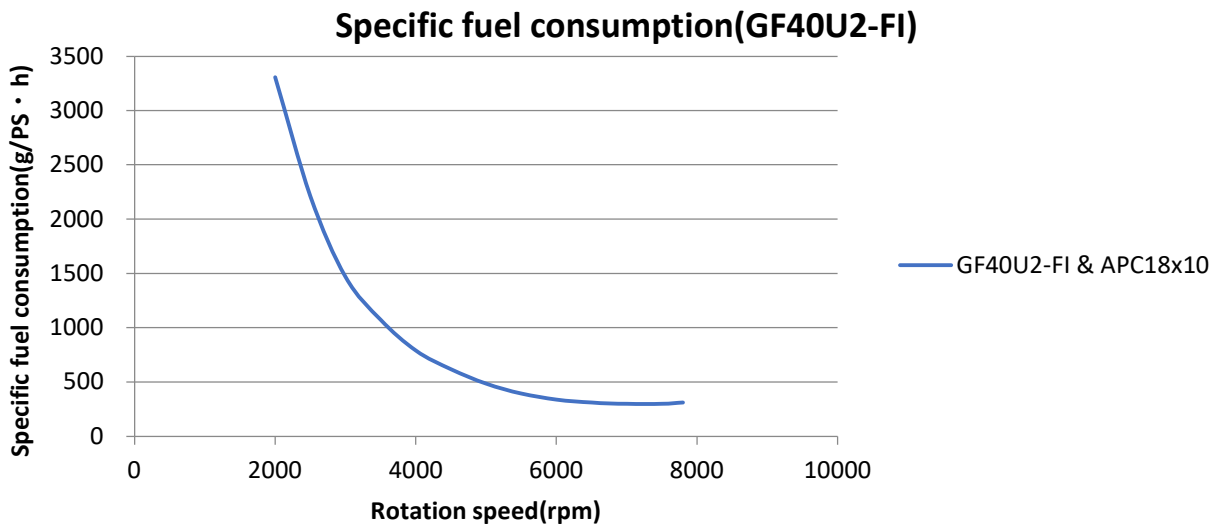
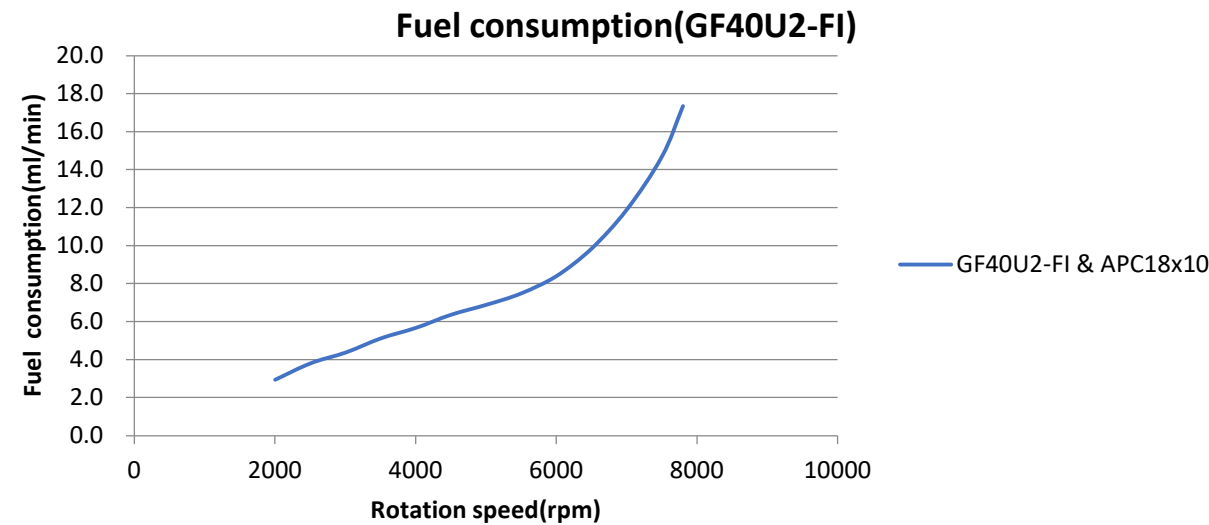


Measurement result of fuel consumption

Date January 10, 2025
Engine GF40U2-FI
Propeller APC 18x10 (nylon)
Fuel Mixed regular gasoline with 2-stroke oil (50:1)
Temperature 12.5°C

Rotation speed rpm	Absorbing horsepower		Fuel consumption			Specific fuel consumption		
	kW	PS	ml/min	g/h	lb/h	g/kW · h	g/PS · h	lb/HP · h
2000	0.029	0.040	2.9	132.3	0.29	4498.2	3308.4	7.40
2500	0.057	0.077	3.8	171.4	0.38	3007.0	2211.6	4.95
3000	0.099	0.134	4.4	197.1	0.43	1993.7	1466.4	3.28
3500	0.158	0.215	5.1	230.4	0.51	1457.8	1072.2	2.40
4000	0.238	0.323	5.7	255.2	0.56	1073.5	789.5	1.77
4500	0.341	0.464	6.4	286.6	0.63	840.6	618.3	1.38
5000	0.471	0.640	6.9	310.0	0.68	658.4	484.2	1.08
5500	0.630	0.857	7.5	337.2	0.74	534.8	393.3	0.88
6000	0.823	1.119	8.4	378.2	0.83	459.5	338.0	0.76
6500	1.051	1.429	9.9	443.5	0.98	421.9	310.3	0.69
7000	1.319	1.793	11.9	535.5	1.18	406.1	298.7	0.67
7500	1.628	2.214	14.7	660.8	1.46	405.8	298.5	0.67
7800	1.835	2.496	17.3	780.5	1.72	425.3	312.8	0.70



Measurement result of fuel consumption

DateJanuary 10, 2025

EngineGF40U2-FI

PropellerAPC 20x8 (nylon)

FuelMixed regular gasoline with 2-stroke oil (50:1)

Temperature12.3°C

Rotation speed rpm	Absorbing horsepower		Fuel consumption			Specific fuel consumption		
	kW	PS	ml/min	g/h	lb/h	g/kW · h	g/PS · h	lb/HP · h
2000	0.039	0.052	3.0	133.3	0.29	3460.4	2545.1	5.69
2500	0.074	0.100	4.0	180.3	0.40	2451.2	1802.8	4.03
3000	0.126	0.171	4.4	197.4	0.44	1565.8	1151.6	2.57
3500	0.200	0.271	5.1	229.2	0.51	1147.9	844.3	1.89
4000	0.298	0.405	5.8	259.6	0.57	871.9	641.3	1.43
4500	0.424	0.576	6.5	292.2	0.64	689.6	507.2	1.13
5000	0.581	0.790	7.0	316.3	0.70	544.7	400.6	0.90
5500	0.772	1.050	7.8	348.9	0.77	451.8	332.3	0.74
6000	1.001	1.361	9.2	414.7	0.91	414.2	304.7	0.68
6500	1.271	1.728	10.9	490.2	1.08	385.7	283.7	0.63
7000	1.584	2.153	13.5	607.1	1.34	383.3	281.9	0.63
7300	1.794	2.439	15.2	682.2	1.50	380.3	279.7	0.63

