

Express Engine, Inc

1355 Saratoga St Unit A
DeLand, Florida 32724
Phone: (386) 734-9302
FAX: (386) 734-9301

"Standard Corrected Power" from test Mazur 49622.sfd

Test Information:

File name: Mazur 49622.sfd (SF902.cfa)
Data page: Standard Corrected Power - 26 lines total
Tested on: Oct 25, 2010

Test Description:

power run 32 80/91 jets 8# water pressure non-ethanol 93 oct gas

Specifications:

_4_in 0 AirTur, _6_in 0 AirTur, _9_in 1 AirTur, Cycle 30 secnds, EngBor 4.310 inches,
EngCyc 4 cycles, EngCyl 8 number, EngStr 4.250 inches, FuelSG 0.760 lb/gal, Inertia 0.027 factor,
Lower 3,000 rpm, OvrRat 1.000 Ratio, PP_rev 60.000 ratio, Recpcl 60.000 ratio, Return 0 rpm,
StepTm 10.0 Second, Stoich 14.70 Ratio, StpSiz 250.0 rpm, Upper 5,500 rpm

EngSpd RPM	STPPwr CHp	STPTRq Clb-ft	AF_L1 Ratio	AF_L2 Ratio	Oil_P psig	CoolOt deg F	BSFC lb/hph	OilOut deg F
3,000	312.9	547.8	12.2	13.0	71.6	129	0.257	158
3,100	321.8	545.2	12.0	12.9	71.9	129	0.256	157
3,200	331.0	543.3	11.8	12.7	72.6	130	0.293	159
3,300	341.3	543.1	11.8	12.6	73.1	130	0.353	160
3,400	352.5	544.5	11.8	12.5	73.5	129	0.389	159
3,500	364.6	547.1	11.8	12.4	74.0	129	0.407	158
3,600	377.6	550.8	11.8	12.4	74.6	129	0.418	158
3,700	391.1	555.2	11.7	12.4	75.4	129	0.422	158
3,800	402.9	556.8	11.7	12.5	76.4	129	0.420	160
3,900	412.5	555.5	11.8	12.5	76.9	129	0.391	161
4,000	421.8	553.8	11.8	12.6	77.4	129	0.316	160
4,100	431.7	553.0	11.8	12.7	77.9	128	0.244	160
4,200	442.4	553.2	11.9	12.7	78.4	127	0.248	160
4,300	453.1	553.4	12.0	12.8	78.9	127	0.251	161
4,400	461.7	551.2	12.0	12.8	79.3	128	0.251	161
4,500	468.7	547.0	12.0	12.8	79.7	127	0.251	161
4,600	475.7	543.1	12.0	12.9	80.1	127	0.252	161
4,700	484.7	541.6	11.9	13.0	80.6	128	0.254	159
4,800	496.9	543.7	11.9	13.1	81.1	128	0.255	160
4,900	507.5	543.9	11.9	13.1	81.5	128	0.256	161
5,000	513.9	539.8	11.9	13.0	81.9	128	0.258	161
5,100	517.7	533.1	11.9	13.0	82.2	128	0.260	160
5,200	520.4	525.6	11.8	13.0	82.7	129	0.262	160
5,300	521.5	516.8	11.8	12.9	83.2	128	0.266	160
5,400	522.8	508.5	11.8	12.9	83.5	128	0.267	160
5,500	523.5	499.9	11.7	12.8	83.8	128	0.267	162