

ANNUAL GENERATOR LOAD TEST

ARC Generator Service

GEN SET KW
400
GEN SET KVA
GEN SET VOLT
208
GEN SET AMPS

OIL PRESURE	PASS
COOLANT TEMP	PASS
COMMENTS:	
Load Bank Test, 2 Hr	

TECH NAME	Andy Malone
TECH #	
DATE	4/25/2023

TIME TEST	SAMPLE INTERVAL																	
MINUTES	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
HOURS	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50
	11:00	11:15	11:30	11:45	12:00	12:15	12:30	12:45	13:00	13:15								

OIL PRESSURE	65	60	55	55	55	55	55	55	55	55								
COOLANT TEMP	170	180	180	181	182	178	178	180	179	180								
D.C. VOLTAGE	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5								
EXHAUST TEMP ®	708	725	751	776	800	824	869	865	867	870								
EXHAUST TEMP (L)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A								
GENERATOR	57	65	70	75	80	82	85	87	90	91								
OIL TEMP	135	165	180	185	190	195	200	204	210	212								

VOLTAGE																		
A-B	208	208	207	207	208	207	207	208	208	207								
B-C	207	208	207	208	207	207	208	208	208	208								
C-A	208	207	208	207	208	208	207	207	207	207								
VOLTAGE AV.	207.6667	207.6667	207.3333	207.3333	207.6667	207.3333	207.3333	207.6667	207.3333	207.3333	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AMPERAGE																		
A	129	125	250	253	600	603	604	842	847	847								0
B	123	127	252	256	605	605	605	843	845	847								0
C	126	128	253	254	601	604	604	845	847	847								0
AMPERAGE AV.	125	126	252	254.3333	602	604	604.3333	843.3333	846.3333	847	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0
KWATTS CAL.	44.95983	45.31951	90.49354	91.33144	216.5266	216.8972	217.0169	303.329	303.9194	304.1588	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
KVA	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a								
FREQUENCY	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
POWER FACTOR	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
%LOAD	11.23996	11.32988	22.62338	22.83286	54.13164	54.2243	54.25423	75.83225	75.97986	76.03971	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

GEN SET MAKE	MQ400	ENGINE MAKE	Volvo
GEN SET MODEL	DF4400V	ENGINE MODEL	5VPXL121ACB
GEN SET SER #	3770380	ENGINE SER. #	D12528294D1A
GEN SET ARR #		ENGINE ARR. #	

JOB #	1190
UNIT #	
CUSTOMER NAME	

ENGINE HOURS	
PRESTART	323.4
FINAL	326.7
TOTAL RUN	4.2

NOTES
2 Hr Load Bank Test performed, Genset Passed the Load Bank Test.