

Chiller	8	Chiller	8	Chiller	8
Date	1/28/07	Date	1/28/07	Date	1/28/07
Time	4:20	Time	5:30	Time	5:45
Tons	1362.5	Tons	1412.5	Tons	1450.0
kw/ton	0.53	kw/ton	0.51	kw/ton	0.57
Setpoint	41.0	Setpoint	41.0	Setpoint	40.0
Motor		Motor		Motor	
A Amps	116	A Amps	113	A Amps	130
B Amps	120	B Amps	113	B Amps	133
C Amps	116	C Amps	116	C Amps	130
A-B Volts	4131	A-B Volts	4163	A-B Volts	4170
A-C Volts	4140	A-C Volts	4167	A-C Volts	4208
B-C Volts	4170	B-C Volts	4203	B-C Volts	4177
KW	727	KW	723	KW	820
KVAR	402	KVAR	401	KVAR	455
KVA	832	KVA	827	KVA	937
P.F.	0.88	P.F.	0.88	P.F.	0.88
Panel % FLA	90	Panel % FLA	87	Panel % FLA	100
Cooler		Cooler		Cooler	
GPM Display	3000	GPM Display	3000	GPM Display	3000
GPM Calc.	5720	GPM Calc.	5720	GPM Calc.	5720
PSI In	131	PSI In	131	PSI In	131
PSI Out	114	PSI Out	114	PSI Out	114
Delta P	17	Delta P	17	Delta P	17
Deg F. In	52.4	Deg F. In	52.4	Deg F. In	52.4
Deg F.Out	41.5	Deg F.Out	41.1	Deg F.Out	40.8
Delta T	10.9	Delta T	11.3	Delta T	11.6
Cond		Cond		Cond	
GPM Display	3750	GPM Display	3750	GPM Display	3750
GPM Calc.	2772	GPM Calc.	2772	GPM Calc.	2772
PSI In	13	PSI In	13	PSI In	13
PSI Out	5.5	PSI Out	5.5	PSI Out	5.5
Delta P	7.5	Delta P	7.5	Delta P	7.5
Deg F. In	59.5	Deg F. In	49.6	Deg F. In	54.5
Deg F.Out	69.6	Deg F.Out	59.5	Deg F.Out	64.8
Delta T	10.1	Delta T	9.9	Delta T	10.3
Sat Temps		Sat Temps		Sat Temps	
Evap	37.3	Evap	36.8	Evap	36.2
Cond	75.4	Cond	66.5	Cond	72.6
Liq Temp		Liq Temp	54.2	Liq Temp	58.4
Disch Temp	99.6	Disch Temp	96.2	Disch Temp	100.8
Oil Temp	120.4	Oil Temp	117.6	Oil Temp	118
Suction Temp	37.2	Suction Temp	36.4	Suction Temp	35.6
Oil PSID	43.3	Oil PSID	45.9	Oil PSID	46.6
Run Hours	23954	Run Hours	23954	Run Hours	23954
Starts	1271	Starts	1271	Starts	1271
Calculations		Calculations		Calculations	
Suction S.H.	-0.1	Suction S.H.	-0.4	Suction S.H.	-0.6
Disch S.H.	24.2	Disch S.H.	29.7	Disch S.H.	28.2
Liq. Sub.C.	75.4	Liq. Sub.C.	12.3	Liq. Sub.C.	14.2
Evap STD	4.2	Evap STD	4.3	Evap STD	4.6
Cond STD Sat	5.8	Cond STD Sat	7	Cond STD Sat	7.8
Cond STD S.C		Cond STD S.C	11.5	Cond STD S.C	6.4
Temp Lift	38.1	Temp Lift	29.7	Temp Lift	36.4
Evap Tons (Calc)	2598	Evap Tons (Calc)	2693	Evap Tons (Calc)	2765
Cond Tons (Calc)	1167	Cond Tons (Calc)	1143	Cond Tons (Calc)	1190
Evap Tons (Disp)	1363	Evap Tons (Disp)	1413	Evap Tons (Disp)	1450
Cond Tons (Disp)	1578	Cond Tons (Disp)	1547	Cond Tons (Disp)	1609