

Chiller	10	Chiller	10	Chiller	10	Chiller	10
Date	1/28/07	Date	1/28/07	Date	1/28/07	Date	1/28/07
Time	10:00	Time	11:30	Time	12:00	Time	4:00
Tons	906.7	Tons	1261.4	Tons	1359.8	Tons	1665.0
kw/ton	0.54	kw/ton	0.55	kw/ton	0.59	kw/ton	0.47
Setpoint	45.0	Setpoint	42.0	Setpoint	41.5	Setpoint	41.5
Motor		Motor		Motor		Motor	
A Amps	79	A Amps	110	A Amps	126	A Amps	123
B Amps	83	B Amps	115	B Amps	132	B Amps	128
C Amps	80	C Amps	111	C Amps	128	C Amps	124
A-B Volts	4091	A-B Volts	4100	A-B Volts	4127	A-B Volts	4150
A-C Volts	4105	A-C Volts	4105	A-C Volts	4141	A-C Volts	4160
B-C Volts	4128	B-C Volts	4139	B-C Volts	4170	B-C Volts	4160
KW	489	KW	693	KW	805	KW	787
KVAR	283	KVAR	384	KVAR	447	KVAR	435
KVA	563	KVA	790	KVA	919	KVA	894
P.F.	0.87	P.F.	0.88	P.F.	0.88	P.F.	0.88
Panel % FLA	62	Panel % FLA	87	Panel % FLA	100	Panel % FLA	97
Cooler		Cooler		Cooler		Cooler	
GPM Display	2560	GPM Display	2544	GPM Display	2940	GPM Display	3160
GPM Calc.	4806	GPM Calc.	4806	GPM Calc.	5549	GPM Calc.	5549
PSI In	129	PSI In	129	PSI In	127	PSI In	127
PSI Out	117	PSI Out	117	PSI Out	111	PSI Out	111
Delta P	12	Delta P	12	Delta P	16	Delta P	16
Deg F. In	53.6	Deg F. In	53.9	Deg F. In	53.7	Deg F. In	52.4
Deg F.Out	45.1	Deg F.Out	42	Deg F.Out	42.6	Deg F.Out	41.6
Delta T	8.5	Delta T	11.9	Delta T	11.1	Delta T	10.8
Cond		Cond		Cond		Cond	
GPM Display	3840	GPM Display	3847	GPM Display	3847	GPM Display	3700
GPM Calc.	2863	GPM Calc.	2863	GPM Calc.	2863	GPM Calc.	2863
PSI In	40	PSI In	40	PSI In	40	PSI In	40
PSI Out	32	PSI Out	32	PSI Out	32	PSI Out	32
Delta P	8	Delta P	8	Delta P	8	Delta P	8
Deg F. In	67.0	Deg F. In	68.7	Deg F. In	69.5	Deg F. In	60.2
Deg F.Out	73.3	Deg F.Out	78.9	Deg F.Out	78.9	Deg F.Out	70.1
Delta T	6.3	Delta T	10.2	Delta T	9.4	Delta T	9.9
Sat Temps		Sat Temps		Sat Temps		Sat Temps	
Evap	41.9	Evap	37.4	Evap	37.5	Evap	36.2
Cond	78.4	Cond	83.6	Cond	86.9	Cond	81.9
Liq Temp	71.8	Liq Temp	71.4	Liq Temp	72.6	Liq Temp	63.3
Disch Temp	102.4	Disch Temp	103.5	Disch Temp	106.4	Disch Temp	104.9
Oil Temp	120.2	Oil Temp	122.8	Oil Temp	123.3	Oil Temp	122.3
Suction Temp	44.6	Suction Temp	38.8	Suction Temp	38.8	Suction Temp	39.0
Oil PSID	44.3	Oil PSID	45.0	Oil PSID	45.0	Oil PSID	45.7
Run Hours	17979	Run Hours	17980	Run Hours	17981	Run Hours	17985
Starts	443	Starts	443	Starts	443	Starts	443
Calculations		Calculations		Calculations		Calculations	
Suction S.H.	2.7	Suction S.H.	1.4	Suction S.H.	1.3	Suction S.H.	2.8
Disch S.H.	24	Disch S.H.	19.9	Disch S.H.	19.5	Disch S.H.	23
Liq. Sub.C.	6.6	Liq. Sub.C.	12.2	Liq. Sub.C.	14.3	Liq. Sub.C.	18.6
Evap STD	3.2	Evap STD	4.6	Evap STD	5.1	Evap STD	5.4
Cond STD Sat	5.1	Cond STD Sat	4.7	Cond STD Sat	8	Cond STD Sat	11.8
Cond STD S.C	1.5	Cond STD S.C	7.5	Cond STD S.C	6.3	Cond STD S.C	6.8
Temp Lift	36.5	Temp Lift	46.2	Temp Lift	49.4	Temp Lift	45.7
Evap Tons (Calc)	1702	Evap Tons (Calc)	2383	Evap Tons (Calc)	2566	Evap Tons (Calc)	2497
Cond Tons (Calc)	752	Cond Tons (Calc)	1217	Cond Tons (Calc)	1121	Cond Tons (Calc)	1181
Evap Tons (Disp)	907	Evap Tons (Disp)	1261	Evap Tons (Disp)	1360	Evap Tons (Disp)	1665
Cond Tons (Disp)	1008	Cond Tons (Disp)	1635	Cond Tons (Disp)	1507	Cond Tons (Disp)	1526