Startup / Measurement Report for 2 Stage Recip Compressors

Location: _____   System/Application Desc. (chiller, heatpump, etc): _____

Customer: _____   _____Date:_____

Technician: _____   Refrigerant: _____   Oil Type: _____

Date / Time		Comp 1	Comp 2	Comp 3
Compressor, Serial No.				
Compressor, Model No.				
Rack # / Suct Grp # / Comp #				
Ambient Temp	°F			
Suction Pressure	psig			
Suction Line Temperature *	°F			
Discharge Pressure	psig			
Discharge line Temperature*	°F			
Interstage pressure	psig			
interstage manifold temperature	°F			
Liquid temp (leaving sub-cooler)	°F			
High Oil Pressure (+)	psig			
Oil Level				
Oil Temperature	°F			
Crankcase Pressure (interstage) (-)	psig			
Net oil Pressure	psid			
Voltage (note if any leg is diff)	V	/ /	/ /	/ /
Amperage Draw (note diff legs)	A	/ /	/ /	/ /
Total Running Hrs (or install date)	hr			
Cycles per hours (average)	#/hr			
Condenser (air or water)				
Liquid Temperature (main)	°F			
Cooling Medium inlet Temp.	°F			
Cooling Medium outlet Temp.	°F			
Condenser Outlet Pressure	psig			
Evaporator (air/water/fluid)				
Sight Glass, Bubbles	y/n			
Liquid Temperature @ TXV	°F			
Evaporator Outlet Pressure	psig			
Sat. Evaporating Temperature	°F			
Evap Outlet Gas Temperature	°F			
Medium inlet Temp.	°F			
Chilled Medium, outlet Temp.	°F			

NOTES:

Please fill out as much information as possible. Attach any other notes that are relevant.
Use thermocouples if possible. Infrared is not considered as reliable for temperature measurements.
*Measure at compressor, ideally within 1' from compressor.

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