THERMO KING

Klinge

PTI form for TRS unit with Klinge Control Box retrofit

Record Date:	**Time:**	**Job:**
Unit Model Number:	**Container Number:**	
Unit Serial Number:	**Location:**	
Control Box Serial Number:	**Technician Name:**	

Check unit hold-down bolts and pipe connections to ensure that they are not loose.			
Inspect power cable for signs of damage.			
Visually inspect the unit for physical damage. Remove covers for internal viewing.			
Check condenser coils and clean if required.			
Check for signs of glycol and refrigerant leaks.			
Open the electrical control box and inspect it to ensure that all connections are tight and the electrical components are properly secured.			
Check the glycol sight glass (PVC inlet hose) at the unit to ensure that the glycol can be easily seen. If not the tube should be replaced.			
For Non-Pressurized systems, check the glycol level in the expansion reservoir, it should be 1/2 full at ambient temperature. For Pressurized systems refer to manual for glycol level checking.			
Connect main power plug to power source.			
Record voltage and frequency:		V:	Hz:
Check that circuit breaker (CB-1) is set to the appropriate setting based on unit configuration.	: STANDARD = 19 Amp : w/HEAT = 25 Amp		
Start Unit and Perform Function Test as per manual.			
Confirm function test completed properly without error and unit continues to normal operation.			
Set the set point 5 degrees colder than current tank temperature.			
Record current Cargo Temperature			
Record current Glycol Temperature			
Measure the compressor current draw.	Normal running amps 8.0 - 10.0 Amps		
Measure the condenser fan motor current draw	Normal running amps .8 – 1.3 Amps		
Measure the pump motor current draw	Normal running amps 2.0 – 3.0 Amps		
Measure the heater current draw if equipped	Normal running amps 14.5 – 16.5 Amps Heater		
Check oil level in the compressor sight glass after 20 minutes of running time. The level should be ½			
Check the refrigerant level in the coil receiver sight glass, it should between the upper and lower sight glasses.			
Check moisture indicator on the coil receiver for Dry indication.			
Check the flow in the glycol sight glass at the pump inlet for bubbles. (Vent the glycol system if necessary)			

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Check the current Cargo Temperature and Glycol Temperature against the previously recorded temperatures to ensure proper cooling. Please note that since the tank is empty or has a large product mass the Cargo Temperature may not have reduced much.	
If equipped with Data Logger, check for accurate temperature reading, printer operation, and supply of printer tape.	
Turn off unit and disconnect power plug. Secure power cable and refasten any covers that have been	
Check that the electrical box door gaskets are in proper order.	

By signing this form, we are acknowledging that any discrepancies in the recorded data have been noted and accepted.

Notes:	
Signature	**Date**

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