THERMO KING

Klinge

PTI form for all NMG-112R models

Date:	Serial number:	Location:
Hour Meter Reading:		Container number:

Note: Check if content of optional spare parts box is complete (i.e. ensure there are no missing parts).

Note: Manual available on www.thermoking.com/klinge; unit revision number found on data plate.

With **NO POWER** to the unit, check unit visually for physical damage:	Initial = **OK**
Inspect generator set for damage, missing parts and loose mounting bolts.	
Check fuel level. Use ASTM D975-96 # 2-D or # 1-D in cold weather; DIN EN 590; BS 2869; NATO Code F-54 / F-34 / F-44 and SF 63 or equivalent.	
Inspect fuel sediment bowl and strainer for water contaminates. Drain water from bowl, clean bowl and strainer if necessary.	
Check engine oil level. Add oil to dipstick mark if needed. Use SAE 10W-40 API service CF/CH-4 oil; ACEA E2-96 / E3-96 E5-02 or equivalent.	
Check that no more than 500 hours or one year has passed since the fuel and oil filters have been replaced. If this time has passed replace filters and change oil. Write date and hours on new filters with permanent marker.	
Check air filter and air intake hoses and make sure that the green flag on the restriction gauge is visible, the rubber vacuator valve on the dust cap is in good condition and faces down and that all rubber hoses are in good condition with tight clamps in place.	
Check fan belt for wear, cracks and proper tension. Tighten or replace if necessary.	
Make sure that the fan is not damaged and that the cooling air circulation is not obstructed.	
Check for frayed battery cables, cracked wire insulation and for clean and secure electrical connections. Clean and or replace as needed.	
Connect the refrigeration unit power cable to the generator set. Make sure that power switches on the generator set and both on the refrigeration unit are in the OFF position.	
Start Generator Set.	Initial = **OK**
Wait until engine speed stabilizes and oil pressure reaches a minimum of 30 psi.	
Turn the generator circuit breaker on and afterwards turn the on/off switch for the refrigeration unit to ON.	
Check the oil hoses, radiator hoses and fuel lines for leaks while unit is running. Tighten or replace any components where leaks appear.	
Observe exhaust system. If exhaust is dirty, stop the engine and replace or clean the air filter cartridge. This can be cleaned by blowing compressed air from the inside of the cartridge.	
Check to ensure that the battery is being charged by the engine's alternator by following these steps. Use a voltmeter to check the battery voltage with the engine shut down. This reading should be in the range of 10 – 12 volts. Start the engine and recheck the voltage, the reading should be slightly higher in the range of 13 – 14 volts.	
Observe and record the hour meter reading at the top of the form.	
Turn the power switch of the refrigeration unit and generator set to the OFF position.	

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

Notes:		**Signature:**	

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