

 <p>ENERTECH Geothermal Made Better™ 2506 South Elm Street Greenville, IL 62246 www.enertechgeo.com info@enertechgeo.com</p>	<h2>Technical Notice</h2>
	<p>TN15.001 Refrigerant Tube Leak – ¼” Tubing</p> <p>REV.: 11 February 2015 P/N: TN15.001</p>

Enertech Global, LLC has become aware of at least 8 *XT/CT units that have experienced low hour failures because of a leak that develops on ¼” copper tubes. The unit serial numbers for the failed units all fell between M1406*** & M1501***. Most often, this leak is found where the tube from the high pressure service port connects to the discharge line but it has also been discovered on ¼” lines located elsewhere within these units.

Through investigation at the manufacturing plant, it has been discovered that a small percentage (1- 2%) of ¼” tubes are being damaged during the copper straightening and forming processes (see picture below). This damage weakens the wall of the tube making the tube susceptible to failure during transit to the customer location and/or during routine cycling of the unit.

All ¼” tube stock has been sorted and verified as good. The operations group has worked diligently to identify the true root cause and implementations of permanent corrective action(s) are pending. In the interim, all production completed on the suspect piece of equipment is being 100% inspected prior to placement into inventory.

Customers experiencing this issue should file a warranty claim and request Enertech P/N 28K043-01NN (Universal ¼” Copper Tube Repair Kit). The standard labor reimbursement for a refrigerant system leak will apply. As always, any specific application or installation related questions should be directed to Enertech Tech Support at 618-664-5860.

