

Application Data Sheet

Incompatible Rubber Leads to Expansion Joint Failure

Application: Ventilation System Used With Oil Saturated Air In a Re-

claimed Water Facility

Problem: The Flue Duct Expansion Joint is leaking during operation. The tube or gas side tube material used to manufacture the current Expansion Joint is not compatible with the system media. The tube is failing under regular operation and is allowing oil to seep inside the body of the Expansion Joint, weakening its construction and allowing the body to swell. Oil saturation has continued to the point of weeping through the Expansion Joint cover and dripping on the floor below the Joint, creating a secondary hazardous condition.

Solution: Holz's Sales and Partner Distributor reviewed the system specifications, including pressure,

