TEADIT® 2000 in Thermic Fluid CASE HISTORY

INDUSTRIAL SEGMENT
Chemical Processing

APPLICATION
Thermic Fluid / Heat Transfer Oil

Equipment
Pump Packing

SCENARIO
A chemical processing facility was having issues maintaining adequate sealing using a carbon mechanical packing and was experiencing leaks after only a few days in service.

SOLUTION
Teadit worked with the customer to replace the carbon packing with Style 2000 flexible graphite packing. This packing is manufactured from high purity flexible graphite that is expanded and formed into a braidable yarn and then braided without binders or wire reinforcement to produce a product that retains all the inherent benefits of flexible graphite: heat resistance, chemical inertness, low friction, self-lubrication, and conformability. The outstanding properties of this style make it a truly multi-service packing capable of a wide variety of uses throughout a plant. In general, carbon packings offer superior resistance to abrasive media when compared to flexible graphite, however, in this case, the strength of the carbon was working against the packing's ability to seal and was causing excessive shaft wear, among other issues

CUSTOMER GAINS
After installing Teadit style 2000 packing, the service has been running leak free. Overall, the customer is enjoying reduced downtime and maintenance costs, as well as improved safety and reliability benefits.