



Technical Bulletin

Place a copy of this bulletin in the front of each Blueprints Manual.
 Redline drawings as needed and include a TB reference note.
 Reference TB implementation on site Action Item Box-chart and/or
 site tool history management log.

Number: 018
Date Issued: 07/17/03
Expiration Date: 07/17/04

Subject/Key Words:	Lid actuator cylinder, series 3 solvent tank auto-lid, seal leaks, PM		
Classification:	<input type="checkbox"/> Informational	<input type="checkbox"/> Mandatory	<input type="checkbox"/> Safety Alert <input checked="" type="checkbox"/> PM Impact
	<input type="checkbox"/> Warranty Impact	<input checked="" type="checkbox"/> Purchase Parts	<input type="checkbox"/> No Charge For Parts expires ___/___/___. Reference this TB# when ordering NC parts.
Applicable Akrion Procedures:	none		
Parts/Reference Documents:	Preventive Maintenance Schedule rev. 0603 Solvent Auto-lid cylinder (Series 3 tanks) 205805-001 Cylinder cover revised for new cylinder 223311-001 <i>Ref. top level Auto-lid assemblies: 202951-001 and 215482-001(with agitation)</i>		
Attachments:	none		

Issue: Stainless steel lid actuator cylinders (205805-001) on Series 3 solvent process tank auto-lids (202951-001 and 215482-001) are a wear item that requires periodic inspection and replacement to prevent lid operation malfunctions.

Symptoms: Failed lid cylinders may leak water from the shaft seal, and operate erratically.

Test/Validate: On a monthly basis, visually inspect seal integrity of cylinder end cap-to-piston shaft for signs of water seepage or spray. Sluggish or erratic lid motion; water spray or accumulation of water leakage on lid mounting flange or in drip tray beneath shaft end of lid cylinder are also signs the cylinder is leaking and failing.

Solution: Replace failed lid actuator cylinders upon first sign of noted symptoms or every six months to prevent unscheduled down time. The lid actuator cylinder has been revised to improve performance and reduce cost. When replacing the cylinder the first time to the new revision, cylinders which have covers will require a one-time replacement of the cover (223311-001) to accommodate the new cylinder design.

If you have technical questions or require more information, please contact Akrion Technical Support Department via e-mail at techsupport@akrion.com. Authorized service personnel can obtain copies of the latest Akrion procedures and controlled documents from the Akrion Document Control department at doccontrol@akrion.com. Customers must direct all inquires to their local Akrion field service representative. (Form QA1656F1AC)