Packing Case Repair

Worn rod packing is a major source of inefficiency and gas losses in reciprocating compressors. Cook Compression® repairs all types of packing cases and sealing components, helping operators improve profitability and reduce fugitive emissions. Repair facilities are located worldwide, staffed by experienced personnel and equipped with state-of-the-art machinery. Cook Compression engineering and manufacturing resources provide extensive technical support for wide-ranging needs.

REPAIR PROCEDURE

• Examine case in original condition to assist in troubleshooting and performance improvement
• Clean case and separate sealing elements
• Inspect components and replace any worn items
• Machine cups to readjust sealing depths to required tolerances for proper side clearance
• Machine all flat surfaces to parallel to ensure tight gas seal between packing ID and rod OD
• Grind or lap all sealing surfaces to ensure proper sealing of packing to cup and enable tight cup-to-cup seals; finish lapped surfaces to within two light bands of absolute flatness, if required
• Verify length to match original dimensions
• Reassemble cases using genuine Cook Compression packing, gaskets, O-rings and other parts as needed
• Leak test passages on cooled cases to ensure integrity

ADVANTAGES

• Restores like-new performance
• Repair certification promotes quality and efficiency
• Highly experienced staff
• Extensive engineering and technical support
• OEM equivalent or better replacement parts
• Service centers worldwide
• Full traceability and quality assurance

Lapped surfaces can be finished to within two light bands of absolute flatness