



## 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.

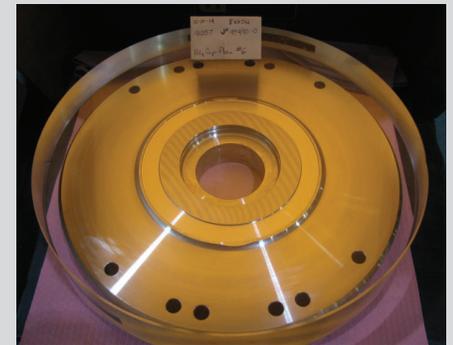
Repair facilities are located worldwide, staffed by experienced personnel and equipped with state-of-the-art machinery. Cook Compression engineering and manufacturing resources provide extensive technical support for wide-ranging needs.

### 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*

