



HPR

Packing Case Repair

Your reconditioning for leak-proof packing

ADVANCING
SUSTAINABILITY
TOGETHER


HOERBIGER

Packing Case Repair makes it possible

HOERBIGER offers packing reconditioning and parts in multiple ways. Together we choose the solution that best suits your company's needs.

Depending on your needs, HOERBIGER's Packing Case Repair can cover:

- Reconditioning contract
- Parts availability
- Stocking strategy
- Lifetime warranty
- Upgrade strategies to turn one time capital expenses into operating costs
- Focus on full sealing solution by service and upgrade of piston rod and piston



This is why Packing Case Repair is vital for your compressor's lifespan

- Corrosion, deterioration and surface damage on the packing case cups decreases sealing performance – increasing leakage and causing fugitive emissions.
- Deposits and dirt in cooling passages hinder heat dissipation and reduce the lifetime of the pressure packing.
- Poor condition of O-rings grooves lead to leakage of gas to cooling water compromising the compressor safety, employees and environment.
- A damaged piston rod surface will worsen the packing sealing performance.

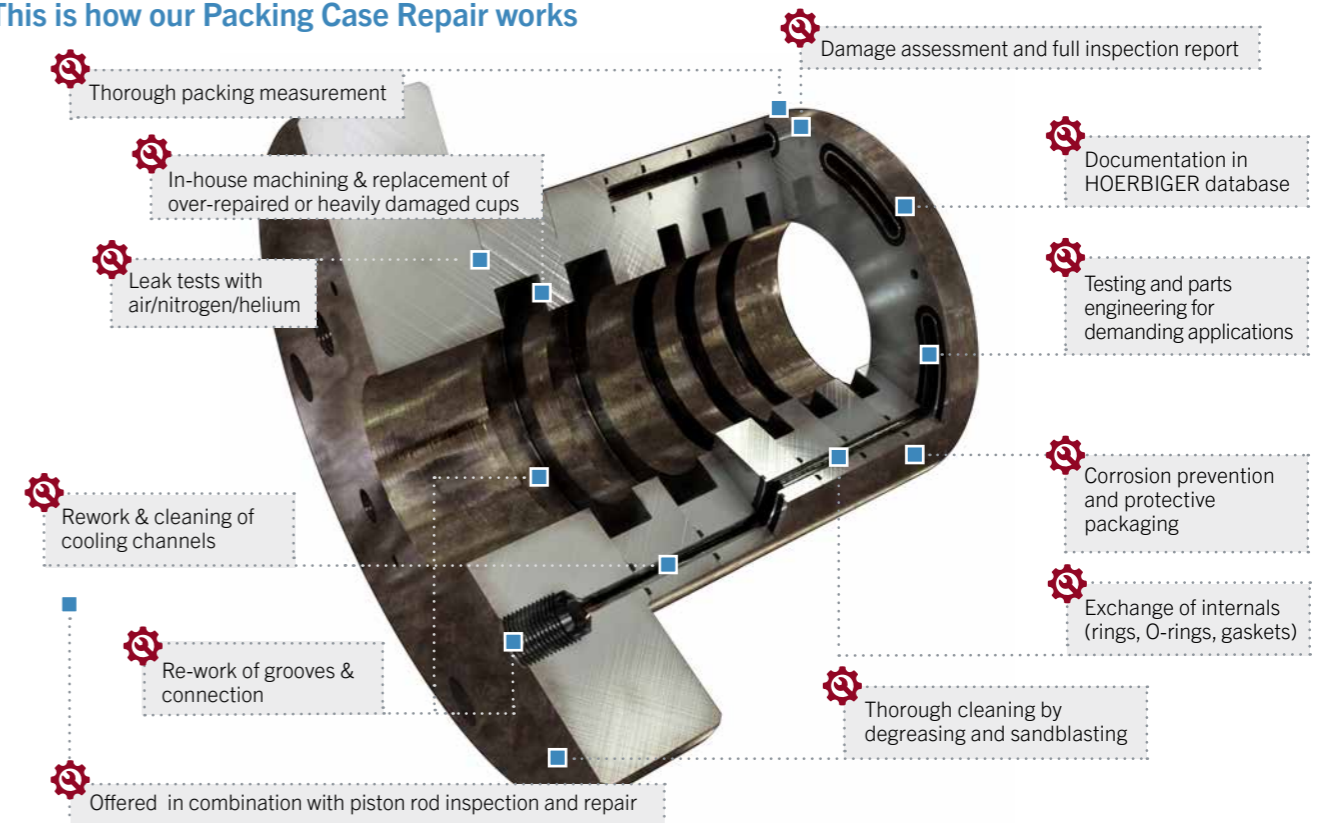
HOERBIGER's Packing Case Repair solves your issues

- Witness testing, including extended leak tests.
- Full service, from the replacement of internals to tailored manufacturing of damaged packing cups.
- Reconditioning of pressure packings, intermediate packings, oil wiper packings and internals for leakage reduction and less emissions.
- Piston rod and piston repair as well as upgrade for longer lifetime and a sustainable production.
- Inspection report and advanced engineering services.
- Reconditioned packing cases supplied "as-new" and fully compliant with process needs and more efficiency.

Recent reliability studies have shown that packing cases are one of the most critical components in a reciprocating compressor. They seal the compression chamber and crankcase to prevent emissions of compressed gas, as well as gas leaks into the frame lube oil circuit.

To ensure long-term compressor reliability and to safeguard employees as well as the environment, proper servicing of the packing cases, piston and internals is essential. When replacing the internals, packing cases and piston rods should be inspected. This saves unplanned downtime as well as energy, avoids fugitive emissions and leads to a sustainable production.

This is how our Packing Case Repair works



Why HOERBIGER's Packing Case Repair?

- Leakage standards: API 618 and stringent HOERBIGER regulations enforced. Certificate available on request.
- Packing cups and cooling channels leak tested according to API 618.
- One stop shop of pressure, intermediate and wiper packing with piston rod and piston repair.
- Lapping and flatness check ("light band test") of all reconditioned cups.
- Advanced machining capabilities (grooves, channels, threads, etc.).
- One-year warranty for all reconditioned packing cases (wear parts excluded). Optional: 2 years warranty.
- Standardized HOERBIGER workshops certified to ISO 9001.

HOERBIGER is active throughout the world in the energy sector, the process industry, the automotive industry, the mechanical engineering sector, in safety engineering, and in the electrical industry. In 2021, its 5,862 employees achieved sales of 1.119 billion euros in 131 locations across 46 countries. Our products and services are used in reciprocating compressors, gas flow control units, vehicle drives, rotating unions, explosion protection, gas-powered engines, and in automobile hydraulics.

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