



## Stop the cycle of pump repair: Demand SKF certified rebuilds

### Performance advantages

- Lower total cost of ownership through:
  - Increased productivity
  - Decreased downtime
  - Lower maintenance costs
  - Reduced energy consumption
  - Longer Mean Time Between Failure (MTBF)
  - Enhanced reliability
  - Quality SKF components

### SKF certification advantages

- Conformance to exacting SKF specifications & standards
- More reliable, high-quality rebuilds
- Root-cause failure analysis
- Ongoing training
- Access to SKF technology & equipment
- SKF bearings
- Auditing and re-certification required

It is no secret that pump reliability can be a problem. The fact is that pumps appear very high on the list of equipment continually included in reliability incident reports. While bearing and mechanical seal failures are recognized as primary symptoms of pump failure, most pump rebuilders are not trained to investigate the underlying causes, such as improper maintenance, handling, installation and service. In most cases, pump repair shops simply replace the bearings, seals and other critical components, then return the pump. Since the root cause of the problems has never been addressed, this can typically result in a continual cycle of costly repairs and unplanned downtime.

### Move from continual repair to constant reliability

You can stop the cycle of continual repair costs and downtime by demanding that SKF certified rebuilders repair your pumps. SKF certified technicians undergo specialized training in pump repair with an emphasis on root cause failure analysis, bearing installation, lubrication, and condition monitoring.

The objective: prevent recurring failures and increase pump service life. SKF certified shops must meet exacting standards and specifications, and are regularly audited to assure compliance. Repairs are done using only SKF bearings.



### Start expecting more: Enhance productivity and profitability

By identifying the root causes of bearing failure, SKF certified rebuilds open the door to new levels of pump reliability and productivity, strengthening your bottom line. In addition, your pumps will operate more efficiently, which can have a significant impact on energy consumption.

Decreased downtime, reduced energy consumption, reduced maintenance costs and a decrease in total cost of ownership. The numbers can add up quickly to help you improve profitability.

The SKF Certified Pump Rebuild program is part of the SKF 360 Solution program – bringing customers a whole new perspective on increased productivity and more profitable operation.





## The SKF Certified rebuilds:

The smart way to service pumps.

The sure way to enhance reliability.

### SKF certified: The new standard of service excellence



As a collaborative effort between SKF, eligible pump service firms, and participating SKF authorized distributors, the SKF Certified Pump Rebuild program raises the bar on pump service.

Industry statistics have shown that over 80% of pump failures are bearing or mechanical seal related. For this reason, the SKF Certified Pump Rebuild program focuses on identifying the root cause of critical component failure and the repair methods that will correct the problem, so that the pump can achieve optimum performance.

Certification requires that personnel undergo extensive training in the factors that influence pump service life. Technicians are tested and required to meet certification requirements. SKF Certified Pump Rebuild shops are regularly

audited to assure compliance with program standards.

### Here's what you can expect from SKF certified rebuilds:

**SKF certified, highly skilled service professionals** are equipped with the necessary tools and equipment to make sure that your pump is serviced correctly, every time.

**Consistent specifications and standards.** SKF has established specification standards that must be met for every pump repair. By using an SKF certified rebuilder, you can be sure that each rebuilt pump meets the highest standards for quality and consistency.

**Root Cause Failure Analysis.** Most repair shops do not do this type of analysis. For SKF certified shops, it is a requirement. Your pump will be thoroughly analyzed to determine the cause of failure. After a complete check of those components that could have a negative impact on bearing and pump service life, necessary repairs will be made so that your pump will run more efficiently. The benefits are clear: increases in mean time between failure and a reduction in total cost of ownership. Specifications are not enough. In addition to periodic audits to confirm that pumps are rebuilt according to specification, each shop is audited for cleanliness, orderliness and environmental responsibility.

**Advanced technology and equipment.** SKF certified shops have access to SKF's leading bearing technology and engineering expertise. And certification requires that repair shops utilize the best available equipment for bearing mounting, dismounting, measurement and repair.

**Quality SKF products and practices.** When your pump is serviced by an SKF certified rebuilder, only high-quality SKF bearings will be used. Repairs will be performed in an environment that meets SKF's stringent requirements for cleanliness, and proper storage and handling of bearings, components and serviced pumps.

**Ongoing excellence.** As new products, tools and repair methods are developed, SKF certified repair shop procedures will be updated, and ongoing training and certification will be required. That means you will always have the advantage of SKF's ongoing commitment to excellence.

### Trust the SKF certification advantage

Stop the cycle of pump repairs. Require that your pump repair shop is SKF certified, and move to a higher level of reliability, productivity – and enhanced profit potential.

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