

# Making safe your uptime – Rexroth Service for Offshore-Installations



# The right service solutions for harsh environments

Salt water, extreme loads, wind and wave forces, strong impacts and aggressive chemicals: Offshore installations are exposed to a harsh environment, straining all technologies to their limits. Rexroth accompanies such installations along the complete life-cycle. We take care for all drive & control components and systems to secure maximum uptime for your equipment.

Since decades components and systems from Rexroth prove their reliability in offshore installations all over the world: hydraulic drives and large cylinders, electrical drives and controls for drilling equipment, propulsion, cranes, cantilever skidding systems and active heave compensations.

Rexroth is not only manufacturer but also the service partner along the complete life-cycle. Our service facilities and repair shops are located at every major offshore hub worldwide. Our trained service specialist support rig managers in reducing the risk of downtime, increasing safety and protecting the environment.

**Our specialists are driven by a passion:  
Making safe the uptime of your offshore installation.**



## Fields of Offshore-Applications

### You find Rexroth Technology amongst others in:

- ▶ Jackup platforms
- ▶ Semi submersible platforms
- ▶ Drill ships
- ▶ Support vessels
- ▶ Floating production units
- ▶ Pipe-/ cable laying vessels
- ▶ Wind turbine installation vessels



# Spare parts and repairs: Back to new

## **Scheduled exchange or emergency: Rexroth reliably supplies the right genuine spare parts on time.**

Identifying the right spare part often is the first challenge. Not with Rexroth: Our online spare parts catalog makes it easy for you. Additionally, we will be glad to help you over the phone or by email.

Buying directly from Rexroth is the best insurance for using only genuine spare parts according to manufacturer specifications. We deliver single parts, complete seal kits up to complete rebuilt packages with specially produced replacement parts such as piston rods.

## **Multiple lanes for on time delivery**

We offer multiple lane delivery channels, depending on how fast you need the spare parts. For scheduled replacements use the Normal Lane. For tight time frames you order via the Fast Lane. In case of breakdown or extreme time critical frames, the Super Fast Lane minimizes downtimes.



## **Spare Parts Management**

With a Spare Part Management Agreement you define a set of spare parts, held on stock by Rexroth dedicated exclusively to you.

## **Repairs with new part warranty**

It is not always necessary to have valuable components replaced by new ones. Replacement of the wearing parts will often be sufficient. We repair your components in accordance with the manufacturer's specifications. We carry out time critical emergency and urgent repairs as well as factory overhauls in which we make your components as good as new – with a corresponding new part warranty.

## **REMAN the economic alternative**

Our REMANufacturing program for hydraulic pumps is a most economical alternative. In a ring exchange we overhaul used pumps. We send you an overhauled pump with full warranty, before you dismount an installed pump. Then you just send the old pump back to us and we charge you the actual repair costs..

## **Large Hydraulic Cylinders**

Tens of thousands large cylinders manufactured by Rexroth work in offshore applications. Rexroth was the first to develop corrosion protection surface technologies for rods. Today, our Enduroq by Rexroth is the leading edge surface technology. Our specialists repair Enduroq coatings of damaged cylinders on site.

### Field service

The expertise of Rexroth's field service in all drive and control technologies used in offshore installations reduces complexity and means quicker solutions. We have a big pool of competent, offshore certified field service engineers, according to regional regulations. On site they trouble shoot breakdowns, repair, maintain systems and commission spare parts along other activities.

### Predictive maintenance

Waiting for breakdowns is a risky gamble. Rexroth offers predictive maintenance services. Our specialists systematically inspect and analyze your systems and identify wear. They recommend which components and systems need an exchange or repair before they can cause a downtime.

### Continuous Uptime Program

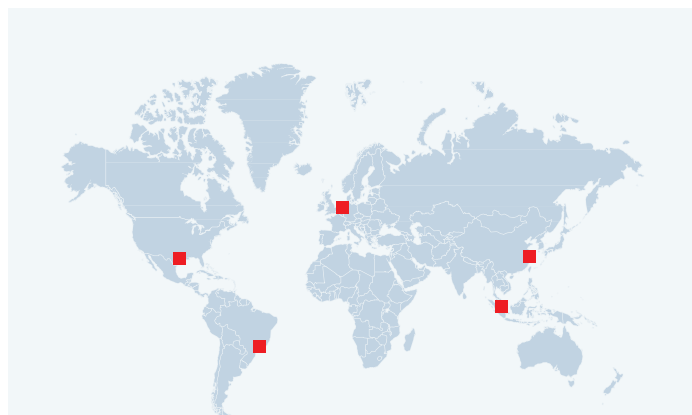
The 5 Years Continuous Uptime Program (CUP) maximizes the uptime of your equipment and lines up with scheduled service intervals. 90 per cent of the execution is on the user side, saving maintenance costs. With CUP you replace reactive service with a pro-active approach.

### Modernization

Rejuvenate your equipment to safeguard maximum uptime and upgrade the performance. We support you throughout the complete modernization project from planning to commission. Whether it is the replacement of old Cylinder Integrated Measuring Systems (CIMS) with state of the art sensors, the modernization of power packs or of a complete active heave compensation system: We have the expertise and the proven record track.

### Individual service agreements

Spare parts, field service, predictive maintenance: You set the frame for our line of services. According to your requirements we custom tailor our service solutions – wherever you need them.



Our centres of competence, specialized in the field of offshore, are located in:

- ▶ Boxtel, the Netherlands
- ▶ Houston, TX, USA
- ▶ Atibaia, SP, Brazil
- ▶ Changzhou, China
- ▶ Singapore

**Bosch Rexroth AG**

Bgm.-Dr.-Nebel-Str. 8  
97816 Lohr, Germany  
Tel. +49 9352 405060  
service@boschrexroth.com  
www.boschrexroth.com/service



**Spare Parts**

- ▶ Dedicated Supply Chain
- ▶ Genuine spare parts for durability, precision and overall quality
- ▶ Easy and ‘first time right’ spare part kits for service engineers
- ▶ Customer spare part management services



**Modernization and Retrofit**

- ▶ Analysis, project planning, and implementation of the modernization work
- ▶ Customized-specific engineering for machine overhaul
- ▶ Replacement of affected components and systems



**Repairs**

- ▶ Uniform specifications and quality standards
- ▶ Rush and emergency repairs
- ▶ Factory rebuilt components with full warranty – same as new
- ▶ Pumps replacement components portfolio



**Service Packages for Products and Applications**

- ▶ Services for Hägglunds, Large Hydraulic Drives
  - Spare parts
  - Repairs
  - Retrofit
- ▶ Services for Large Hydraulic Cylinders
  - Sealing kits
  - On-site repair
  - Factory overhaul
  - CIMS upgrade
- ▶ Comprehensive range of services tailored to the requirements of each individual customer and application



**Field Service**

- ▶ Service interventions on site: Commissioning, application support, troubleshooting, regular diagnostics and maintenance
- ▶ Custom-tailored maintenance strategies



**Preventive and Predictive Services**

- ▶ Fluid Management
- ▶ Fitness Check
- ▶ Oil Analysis
- ▶ Rental Equipment
- ▶ Service Agreements