

# SERVICE AND REPAIR OF HYDRAULIC FOR OFFSHORE

## Why choose AVN Hydropower?

For more than 20 years we have been a preferred supplier helping the offshore industry with hydraulic service, repair and trouble shooting.

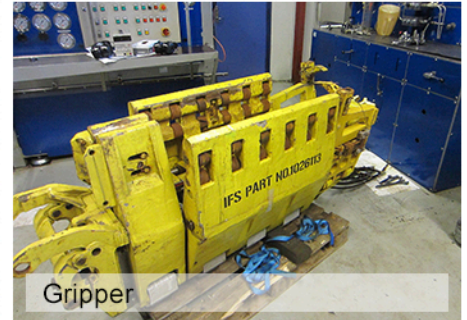
We have extensive competence and experience within renovating and servicing all kinds of drill equipment for example: Iron Roughneck, BX-elevators, Pipehandler, Gripper, Hydratong, Gear, Powerpacks and other equipment.



Gear



PDM gripper



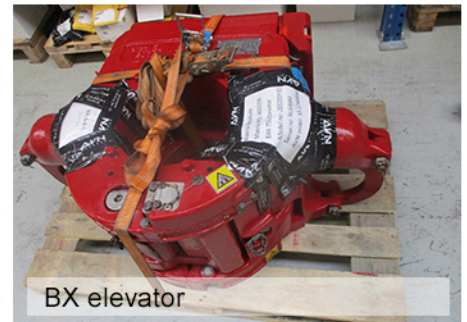
Gripper



Lowern drive



Bridge crane gripper



BX elevator

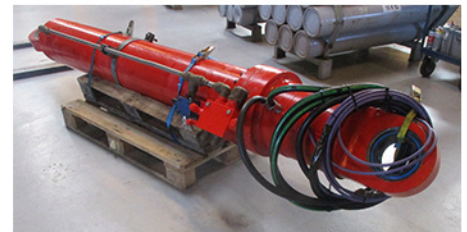
## We offer fast and professional repair

Offshore equipment is working under harsh environments and downtime is critical and costly.

If you have a problem our skilled and experienced employees and engineers can help you onsite, with trouble shooting service and repair.

Approved to perform welding processes for repairing cracks in the special steel which most of the drilling equipment is made of.

We have state-of-art workshops close to the harbor in Esbjerg and Aalborg in Jutland. Our workshop in Odense (Funen), can also support when it comes to service and repair of ex. PDPM cylinders and other cylinders regardless of size.



## Cause unknown

Often, we receive defect hydraulic units where the cause is unknown.

Here we take care of disassembly and repair, and you will get a complete and functional unit return.

## Afraid of long delivery time?

When it comes to repair, we have a large stock of hydraulic components and spare parts at our local workshops.

We always use original spare parts from international suppliers; therefore, we can perform fast repair and is not dependent on deliveries from our suppliers abroad.



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## Authorized distributor and service partner

We are authorized distributor and service partner for Parker Hannifin and Bosch Rexroth in Denmark.



## Overhaul

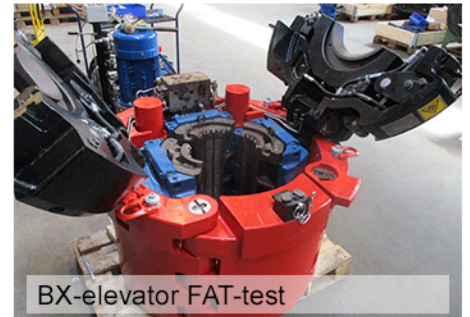
When you choose AVN Hydropower - to renovate your drilling equipment - the equipment will be as good as new after overhaul. We will contact you when it is time for the next 5 years overhaul.

## Test

After the repair the unit is tested for correct pressure and flow, the result is documented in a detailed test report.

## Roughneck

Our expert team can perform maintenance, renovation and service of roughneck at our workshop in Esbjerg. Renovation and service is carried out in accordance with DNV regulations and standards.



BX-elevator FAT-test



Service of 2 pcs Iron Roughneck

## Offshore industrial hoses

In our workshop in Esbjerg and at our Parker Store in Aalborg we can repair and make new hydraulic hoses for maritime application. We can also perform flushing and test according to NAS or ISO code. Our Parker Hose Doctor can help you with hoses onsite.

## Maintenance

To minimize wear of the equipment we can also provide continually lubrication by installing central lubrication from SKF and Lincoln on the equipment.



## Close dialogue

Our renovation, service and repair are carried out in close dialogue with our customers. We do not begin a repair or service before prior agreement with you.

### We offer

- ✓ Repair, maintenance and new installations for your rigs
- ✓ Successful overhaul projects
- ✓ Considerable cost savings compared to other suppliers
- ✓ On-time delivery
- ✓ Test after repair
- ✓ Full documentation

## Highest quality ISO 9001

Our ISO 9001 certificate is proof of that we have control and documentation of our internal workflow and procedure regarding work processes, management, and follow-up, etc. and this ensures the highest quality to you.

