Service and Repair of Hydraulic Cylinders for Marine and Offshore
Global resources and engineered solutions for hydraulic cylinder service and repair

We keep Your deadlines
This is our promise to you. We make sure that you meet your deadlines and avoid penalties.
We apply our extensive expertise, short response time and global footprint to make sure that your customers are up and running asap with minimal downtime.

Global presence and on-site service and repair mean efficiencies for you.

Hydratech Industries service and repair capabilities for large bore and long stroke hydraulic cylinders will get you back in business quickly. We understand the costs you have when your equipment is down. That is why it's paramount for us to get your equipment up and running.

Whether on-site or in one of our global service facilities, from initial inspection through completed testing, our in-depth experience and successful track record assure you get your hydraulic cylinder when you need it.

We offer worldwide field service and repair for both our own hydraulic cylinders and those manufactured by others.

<table>
<thead>
<tr>
<th>PRELIMINARY INSPECTION REPORT</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUSTOMER: Customer ABC</td>
</tr>
<tr>
<td>PURCHASE ORDER: PO XXXXXX</td>
</tr>
<tr>
<td>SERVICE WO - NUMBER: WO XXXX</td>
</tr>
</tbody>
</table>

**INSPECTION STATUS**

<table>
<thead>
<tr>
<th>MALFUNCTIONS</th>
<th>ROD Counter bore out of tolerance</th>
</tr>
</thead>
</table>

**PART STATUS**

<table>
<thead>
<tr>
<th>PART</th>
<th>CONDITION</th>
<th>EXPECTED ACTIONS</th>
<th>NEED OF REPLACEMENT QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rod</td>
<td>OD Scarring</td>
<td>Strip, grind and rechrome</td>
<td>0</td>
</tr>
<tr>
<td>Piston</td>
<td>Good</td>
<td>Clean and reuse</td>
<td>0</td>
</tr>
<tr>
<td>Tube</td>
<td>ID Scarring and rusting</td>
<td>Replace</td>
<td>1</td>
</tr>
<tr>
<td>Butt plate</td>
<td>Good</td>
<td>Clean and reuse</td>
<td>0</td>
</tr>
<tr>
<td>Head Gland</td>
<td>Partially machined off in order to remove</td>
<td>Replace</td>
<td>1</td>
</tr>
<tr>
<td>Transducer</td>
<td>Unknown</td>
<td>Replace</td>
<td>1</td>
</tr>
<tr>
<td>Seal</td>
<td>Good</td>
<td>Clean and reuse</td>
<td>0</td>
</tr>
<tr>
<td>Shipping Plug</td>
<td>Broken and worn</td>
<td>Replace</td>
<td>2</td>
</tr>
</tbody>
</table>

**PRELIMINARY INSPECTION SUPERVISION**

<table>
<thead>
<tr>
<th>SERVICE SUPERVISOR</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>SERVICE TECHNICIAN</td>
<td>Click here to enter text</td>
</tr>
</tbody>
</table>

Sample repair inspection report

Hydratech Industries Fluid Power's perfect balance of engineering, design, quality control, service and repair is delivered by a true global network of experts.

Our highly skilled and experienced service and repair teams are available to service any hydraulic cylinder around the globe, on-site or at one of our locations.

When availability of materials or lead time come into play, Hydratech Industries Fluid Power can literally scan the globe to make certain your requirements are met by one or more of our teams working in unison. All of our facilities have state-of-the-art machining capabilities and capacities to meet market demand.

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Long-term maintenance agreements to minimize downtime

Hydratech Industries Fluid Power can also provide long-term maintenance agreements for your hydraulic cylinder program.

Planning ahead for scheduled maintenance helps prevent unscheduled shutdowns of equipment, and loss of production.

- Planned maintenance agreements throughout the operational life cycle of a cylinder
- Review of all cylinders on your equipment
- Cylinder inspections in accordance with regulatory classifications and life cycle maintenance
- Identify potential problem areas before they become costly
- Minimize downtime
- Avoid surprise equipment shutdowns.

Global facilities for service, repair, and upgrades

Our field team experts provide

- Worldwide service – cylinder overhauls on-site, including service tools
- Expert service teams with welding, crane and offshore certificates
- Cooperation with suppliers and workshops around the world, including surface treatments of all kinds.

We provide

- Complete inspection and analysis of all components using experienced hydraulic experts
- Complete documentation including a comprehensive inspection report detailing all findings
- Highest quality standards for disassembly, assembly and testing under ISO 9001:2008 quality management system
- Reengineering where needed to optimize cylinder life
- Routine replacement of seals using latest seal technology
- Innovative surface treatments and rod finishes
- Overhaul retrofit and repair to original specifications or upgrades.

Hydratech Industries provides service and repair for offshore, marine, compensation and dredging hydraulic cylinder applications.
Hydratech Industries Fluid Power is a market leader in hydraulic cylinder design and manufacturing with more than 35 years' experience designing and building cylinders for offshore, marine, mining and industrial applications.

Hydratech Industries Fluid Power is a part of Hydratech Industries. Based in Denmark, Hydratech Industries specializes in developing, designing and manufacturing hydraulics and cooling solutions for the wind turbine industry, and hydraulic cylinders for offshore, marine and industrial applications. In addition, we provide service and repair for these industries.

Hydratech Industries has production facilities and service workshops in Denmark, USA, China and India, and additional service centers in Norway, Dubai and Brazil. We also have a sales office in Singapore.

We employ approximately 600 people in our locations worldwide.