



The revolutionary alternative to chrome plating—lasting three times longer.

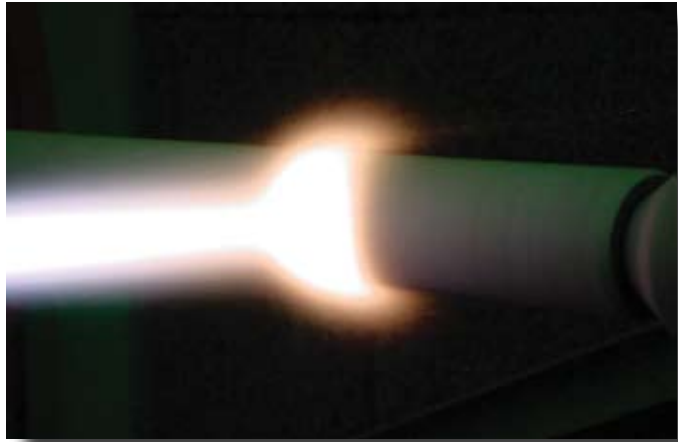
BENEFITS

EXTENDED LIFE AND ENHANCED PERFORMANCE:

Caterpillar laboratory tests revealed seal failure at 350,000 cycles on traditional chrome rods, whereas ACT-coated rods continued performing after one million.



Cylinder Rod Resurfacing



- Chromium carbide powder is applied at 4,500 ft. per second—three times the speed of sound.

FAST TURNAROUND: Parts can be resurfaced within 24 hours - eliminating the time and cost involved in shipping to specialized re-chroming facilities, and getting your equipment back in service quickly.

SUPERIOR WEAR: The high-density metal alloy coating, with only one percent porosity, is extremely resistant to corrosion and oxidation, and offers more durability to withstand the kind of scratching and abuse that occurs in harsh job environments.

SERVICING:

- CYLINDER RODS
- STRUTS
- LINKAGE PINS
- ROTATING SHAFTS

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**Minimizing Downtime...
Maximizing Productivity.**

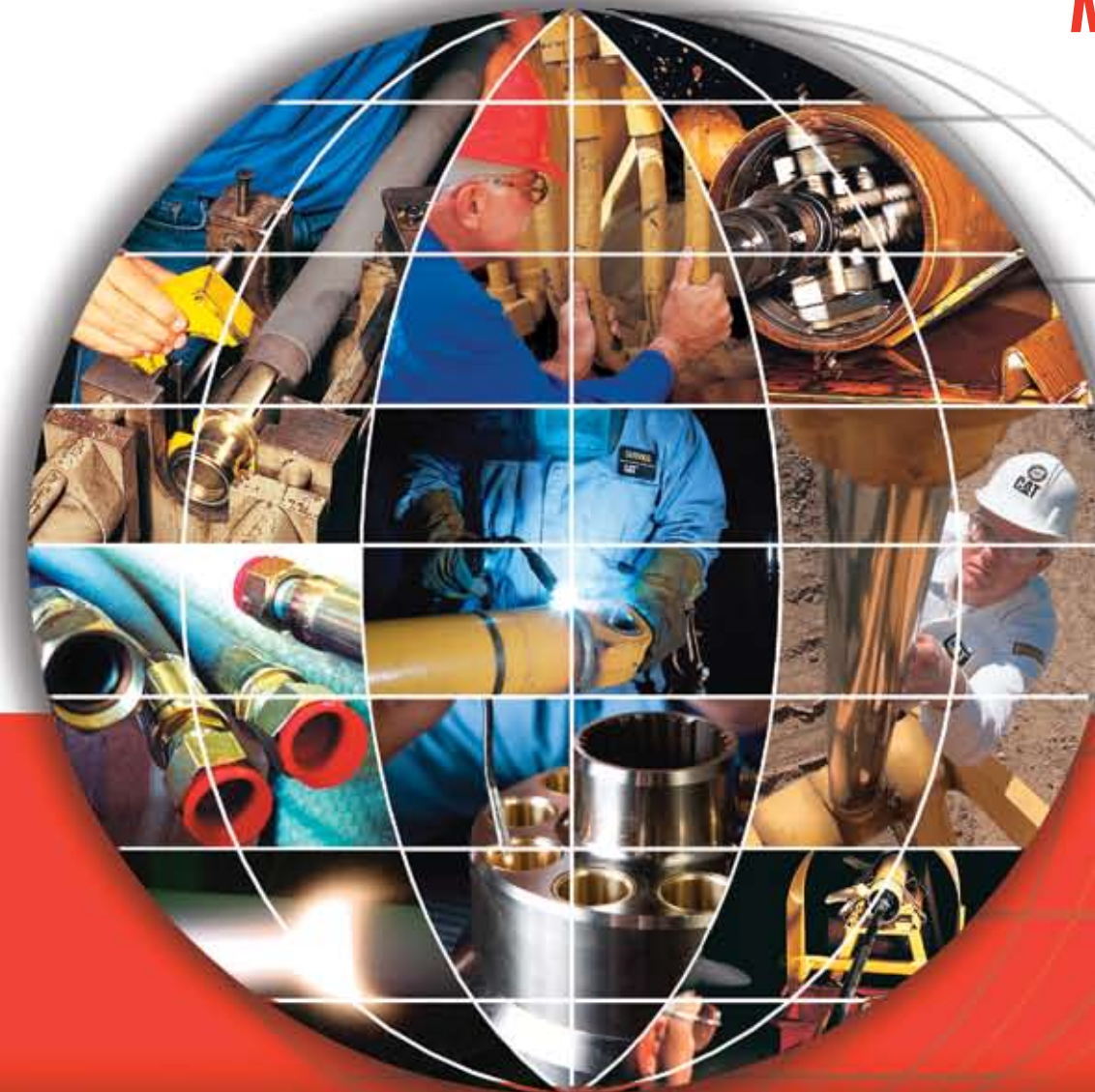
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CYLINDERS, RODS, BARRELS • ROD RESURFACING • PUMPS & MOTORS
• MACHINE SHOP SERVICES • HOSE & COUPLINGS



HYDRAULIC CYLINDER SERVICE CENTER

- **Quality Control.** Every cylinder goes through a stringent inspection process to ensure the highest quality repair in the industry.
- **1 Year/2000 Hour Warranty.** Exceeding industry standards.
- **Honing.** Each barrel is honed to remove irregularities and restore cross-hatch pattern for seal lubrication.
- **Testing.** Three position pressure testing at 3,000 PSI simulates the working environment and ensures a leak free repair.
- **Large Cylinders.** We can handle the big jobs. Our disassembly bench and hone can handle parts up to 35 ft. in length.
- **Free Pick-Up and Delivery.** Our sales staff covers the state and will pick-up and deliver your cylinder at no charge. We also have a dual axle trailer for transporting larger cylinders.
- **10 Cylinder Reseal Shops** located strategically around the state for your convenience.



MACHINE SHOP

- **Machine Work/Salvage** is the backbone of savings in hydraulic repairs. Parts can be salvaged at a fraction of the price of new.
- **Re-rod.** We can fabricate a new rod for you from our extensive inventory or rod stock. We also carry many metric sizes.
- **Re-tube.** We can fabricate a new barrel for a fraction of new replacement.
- **Re-surface.** We can resurface your rod through Advanced Chrome Technologies, featuring a process that is making chrome plating obsolete.
- **Straightening.** Our 150-ton press can straighten rods that other hydraulics shops would throw away.



- **Testing.** Our 200HP test bench allows us to fully load your pump or motor and simulate the working environment.
- **Remanufactured Pumps & Motors.** We maintain an inventory of main pumps, swing pumps, swing motors, and travel motors. We may have a unit in stock ready to go. Each unit has been fully tested and set to OEM specifications.

COMPLETE SERVICE FOR ALL POPULAR BRANDS, INCLUDING:

- CATERPILLAR
 - SUNSTRAND
 - CESSNA
 - TYRONE
 - DAN FOSS
 - VICKERS
 - DENISON
 - VOLVO
 - DYNEX
 - COMMERCIAL
 - EATON
 - KAWASAKI
 - LINDE
 - STAFFA
 - REXROTH
 - PARKER
- & MANY MORE

- **Inspection.** Parts are thoroughly inspected and restored to factory specifications.



PUMPS & MOTORS

Pumps and motors can be rebuilt to original specifications using quality parts and factory reman sub-assemblies. Hydraulics Xpress is capable of servicing all makes and models and can test them for performance and reliability.

MOBILE HOSE SOLUTIONS

On-Site Hose Repair

Save **time and money** for your next hydraulic hose repair. Equipped with four wheel drive trucks, our factory trained technicians will get your machine back to work quickly, cutting your downtime in half.

24-HOUR SERVICE ON ALL MAKES & MODELS:

- **Reduce Downtime by 50%.** Since we build your replacement hose on-site, your machine will be back to work quickly. In most cases, your machine will be back in service within an hour of arrival.
- **Longer Life, Superior Hose Product** means lower cost. External abrasion causes most hose failures. Our ES Hose provides up to 20 times more abrasion resistance than the industry's best rubber covered hose.



Rapid Response!

- **Contamination Free.** Contamination is responsible for nearly 75% of all hydraulic system failures. All of our hoses go through a unique cleaning process to ensure they are free of contamination before they are installed.
- **Certified Crimp.** Many hoses fail prematurely because they were not crimped properly. We measure each hose crimp with calipers to certify the crimp meets strict tolerances.

Replacement hose built on-site.