



# Mining Industry Capabilities

Product

Service

Component Core  
Exchange Program

**SPENCER**  
**FLUID POWER**  
[www.spencerfluidpower.com](http://www.spencerfluidpower.com)

# We're On Your Side 24/7

Mining operations run 24/7 and Spencer Fluid Power is right there with you. Since 1945, we have been providing local product, repair services and expertise to keep your machinery moving day and night. With a high standard of technical excellence, our sales and service associates are MSHA certified and several hold certifications as Certified Fluid Power Specialists or continually advance their technical knowledge through extensive training.

## COUNT ON SPENCER FLUID POWER FOR:

### Product

- Leading manufacturer partners
- Largest Eaton premier distributor on the west coast

### Service

- Comprehensive hydraulic repairs
- Hydraulic core exchange program
- Utilizes the environmentally friendly, High Velocity Oxy-Fuel (HVOF) method to resurface cylinder shafts
- Largest test stand in the western United States

### Core Exchange Program

- Extensive cylinder, corner group and suspension repair parts on hand
- Exchange customer components for certified rebuilt components

## Featured Manufacturers



**AEROQUIP** - Adapters, Fittings, Hoses and Crimpers

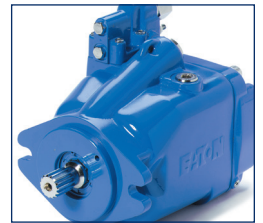
**CHAR-LYNN** - Low Speed High Torque Motors and Steering Orbitrols

**CESSNA** - Pumps, Motors and Accessories

**EATON** - Light and Heavy Duty Transmissions

**VICKERS** - Pumps, Motors, Power Units, Directional Valves, Manifolds, Filters, Cylinders and Accessories

**EATON/CUTLER HAMMER** - Electrical Control Products



### ACCUMULATORS, INC.

Accumulators

### BARKSDALE

Electrical and Mechanical Switches and Transducers for Measurement of Pressure, Temperature, Level and Flow

### BRAND HYDRAULICS

Pressure Controls, Flow Controls and Directional Valves

### BUCHER HYDRAULICS / MONARCH HYDRAULICS, INC.

Hydraulic Power Units (AC/DC), Valves and Accessories

### CROSS MFG.

Pressure Controls, Gear Pumps, Motors, Cylinders, Flow Controls and Valves

### DAMAN

Manifolds and Custom Manifolds

### DELTA POWER HYDRAULICS

Power Units, Flow Dividers, Pumps, Motors and Accessories

### DURST

Gear Drives and Transmissions

### DONALDSON

Hydraulic, Bulk Fuel and Lube Filtration

### HECO

Planetary Gear Reducers and Accessories

### KAR-TECH

Electrical Controls

### LDI

Sight Gauges and Accessories

### LINCOLN

Lubricators and Accessories

### MAGNALOY

Couplings, Pump/Motor Mounts, Reservoirs and Accessories

### MONARCH INDUSTRIES

Cylinders and Accessories

### PERMCO

Pumps, Motors, Flow Dividers and Parts

### PITTS (HILITE)

Electric Clutches

### POCLAIN HYDRAULICS

Motors and Valves

### PRINCE

Hydraulic Cylinders, Valves, Pumps and Motors

### SALAMI

Directional Control Valves and Accessories



# Value Added Services

## Applications Engineering

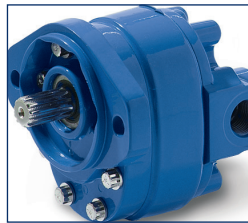
- Design review
- System design
- AutoCAD Inventor 2007 platform
- Manifold design capabilities
- Electro hydraulic system design and programming
- Onsite custom engineering capabilities

## Technical Support

- High tenured employees to offer breadth of product knowledge
- Eaton Certified Inside Sales staff to ensure proper application of Eaton products
- Extensively trained employees

## Repair, Service and Test Capabilities

- Full range of fluid power component repair
- Maximum cylinder rod repair capability of up to 16" diameter
- Maximum cylinder bore repair capability of up to 20" diameter
  - » Field service and installation capability
- HVOF (High Velocity Oxy-Fuel) system to chrome cylinder rods for extended life vs. conventional electro-plating processes
  - » Core exchange rebuild program offering recertified and tested new components for exchange of used or repair components
    - › Reduces corrosion/rust on the surface of the component
    - › Improves performance of cylindrical metal parts, dramatically lengthening component and seal life
    - › Increases impact resistance
    - › Eliminates carcinogenic chromic acid solutions during the process
- Test stands for variable piston (hydro-static transmissions) and valve spool leakage
- Largest test stand in the western United States up to 750 horsepower
- Diagnostic testing for flow, pressure, and load test capabilities
- Flow, pressure, and load test capabilities
- Eaton Certified repair facility



### STAUFF

Clamps, Filtration, Gauges,  
Test Equipment, Valves and Accessories

### THERMAL TRANSFER

Heat Exchangers and Accessories

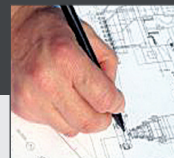
### ZERO-MAX

Overhung Load Adaptors

### ZINGA INDUSTRIES

Filters, Strainers, Sight Gauges and Accessories

Some products are not available in all locations



**We're there when it matters most.**  
**Call us 24 hours/7days.**

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Toll Free: 1-800-975-7278

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Local: 406-248-7431

Toll Free: 1-800-877-1090

After Hours: 406-670-4542

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