

# Hydraulics for Machine Maintenance



# HOSE & FITTINGS



Globalcore simplifies specifications by providing a unified family of constant working pressure hydraulic hoses in all sizes for the most commonly used pressure classes.

Any pressure. Any project. One solution. GlobalCore is the future that OEM's and end users around the world have been asking for: a unified family of robust hydraulic hoses.

**HOSE ASSEMBLIES MADE WHILE YOU WAIT AT ALL MFCP STORES**

## Hydraulic Hose & Tubing



300 psi  
400 psi  
500 psi  
600 psi  
Rubber

Thermoplastic  
Coil House  
Stainless Steel  
Carbon Steel  
Aluminum

## Hose Fittings



Field Attachable  
Parflex/Polyflex  
Stainless Steel  
Brass  
Crimp

Adapters  
Swivels  
Barb  
CNG

## Tube Fittings



Flare  
Flareless  
Compression  
Instrumentation  
O-Ring Face

Stainless Steel  
Clamps  
Tubing

## Adapters



Flange  
Swivels  
Conversion  
Pipe

BSP  
JIS  
Komatsu

## Hose Protection & Safety



Sleeves  
Spiral Guards  
Metal Guards  
Fire Guards  
Temperature

Abrasion  
Chemical  
Speciality  
Flow Fuses  
Strain Reliefs

## Fabrication Equipment



Crimpers  
Cut-off  
Cleaning  
Marking  
Testing

Tube Benders  
Tube Cutters  
Tube Fabrication  
Tube Flanging  
Flaring

# HYDRAULIC FLUID



**HYDRAULIC FLUID IS STOCKED AT SELECTED MFCP STORES**

## Parker DuraClean

Unique additive chemistry designed to maximize oil life while providing optimum anti-wear protection

## Inline Fluid Monitoring

Particle and PH detection with real time feedback

## Fluid Analysis

Complete laboratory analysis



Package Size	ISO 46 Part Number	Parker DuraClean
Jug	HYDRAULIC OIL-133 1 Gallon	942180 (2 ½ gal)
Pail (5 gal)	HYDRAULIC OIL-133	941907
Drum (55 gal)	Call	9422125
Tote (275 gal)	Call	942126

# SPILL CONTROL



**GREEN STUFF IS STOCKED AT SELECTED MFCP STORES**

## **Part #200 - box of 4**

1 bottle / 1lb ea  
Absorbs 1 gallon  
Equals 45lbs of clay



## **Part #204 - Loose Fill**

5 gal bucket/3.75 lbs Absorbs  
3 gallon  
Equals 170 lbs of clay



## **Part #210 - 55 gal Drum**

44lbs of Green Stuff Absorbs  
35 gallons  
Equals 2000lbs of clay



## **Part #254 Spill Kit - Bag**

Absorbs 4.5 gallons  
Contains  
1-0.25 cu.ft (2.5lbs)  
2-12'x12' pillows  
1-4' sock  
1 each - Goggles, Nitrile,  
Gloves, Waste Bag, Whisk  
Brom & Dust



## **Part #211 - box of 16**

4' sock (3" dia)  
Absorbs 1 gal. each

## **Part #212 - box of 6**

10' sock (3" dia)  
Absorbs 2.5 gals. each

## **Part #213 - box of 3**

20' sock (3" dia)  
Absorbs 5 gals. each



## **Part #214 - box of 25**

12"x12" pillow - Absorbs 4.5 gals. each

# HYDRAULIC FILTRATION



AVAILABLE AT SELECTED STORES:

BAKERSFIELD • SUN VALLEY • SANTA FE SPRINGS • CHULA VISTA • TEMPE

## Hydraulic Filters



Low Pressure  
Medium Pressure  
High Pressure  
Water Removal Inline

Return Line  
Suction  
Spin-On

## System Management & Test



Filers Carts  
Offline Systems  
Oil Analysis

Fluid Monitoring  
Diagnostic Tools  
Sensors

## Hydraulic Filtration



High Pressure  
Medium Pressure  
Low Pressure  
Suction

Portable  
Cartridge  
Stainless Steel  
Lube

# HYDRAULIC REPAIR



## Repair Capabilities

- Cylinders
- Valves
- Pumps
- Motors
- Planetary's
- HPU repair
- Specialty services

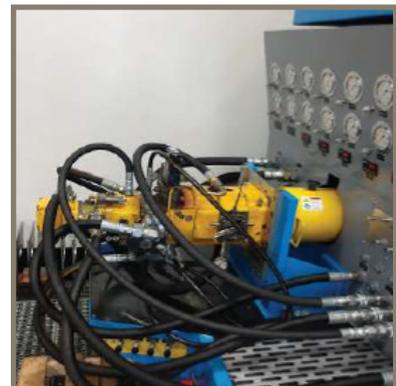
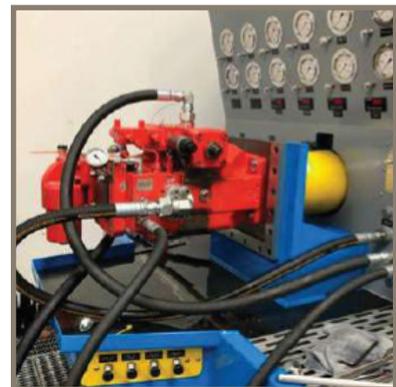
## Testing Capabilities

- 200HP circuit for testing
- 50HP/54GPM circuit for testing valves, cylinders, & hydraulic motors

## Key Features

- Quality professional repairs
- Large capacity test stand
- Flexible repair options
- Stringent quality control procedures
- All major brands components & repairs
- Original manufactured parts (where applicable)
- Re-manufactured or after-market parts available
- 100% in-house performance testing capabilities
- Equipped with state-of-the-art contamination control
- Most repairs are back with industry leading 1 year warranty
- Tested by professional & knowledgeable fluid power experts
- Service & Repair most major brand manufacturer's componentsPumps

## Parker and Linde Hydrostatic Pump/ Motor Repair Specialists



# SEALS & REPAIR KITS



## Genuine Replacemnt Parts

- Parker
- Denison
- Commercial Hydraulics
- Linde
- Helac

## Fluid Power Seals



Wipers  
Rod Seals  
Piston Seals  
Symmetrical Seals  
Wear Ring

U-Cup  
PolyPak  
Backup Rings  
Head Seals

## O-Rings



General Purpose  
Low Temperature  
Chemical Resistant  
Spliced

Metric  
AS568  
Kalrez

## Packings



Rod Seals  
Piston Seals  
T-Seals  
V-Packing  
Wipers

Wearing Rings  
Scrapers  
PTFE  
Rope

## Composite & bonded Seals



Thread Seals  
Washer Seals

Reinforced  
Ceramic

## Assembly & Sizing Products



Lubricants  
Sizing

Tools

## Rotary Sealing Products



Oil Seals  
Mechanical  
Radial Shift

High Speed  
Spring Energized  
Bearing Isolation

# HYDRAULIC COMPONENTS



## Hydraulic Cylinders



Most Popular  
NFPA  
Compact  
Large Bore  
Heavy Duty

Round Body  
ISO  
Electrohydraulic  
Custom  
Sensors

## Gauges & Measurement



Flow Meters  
Gauges Isolators  
Level Indicators

Thermometers  
Pressure

## Hydraulic Motors



Gear  
LSHT  
Fixed  
Variable  
Radial Piston

High Speed  
Bent Axis  
Brakes  
Clutches  
Winches

## Heat Exchanges & Chillers



Air Oil Coolers  
Water Cooled  
Water Oil

Chillers  
Mobile  
Accessories

## Hydraulic Rotary Actuators



Vane  
Helical

Rack & Pinion  
Custom

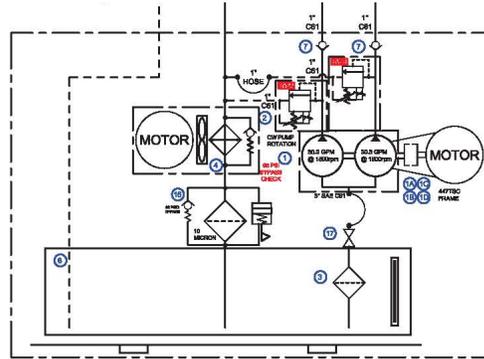
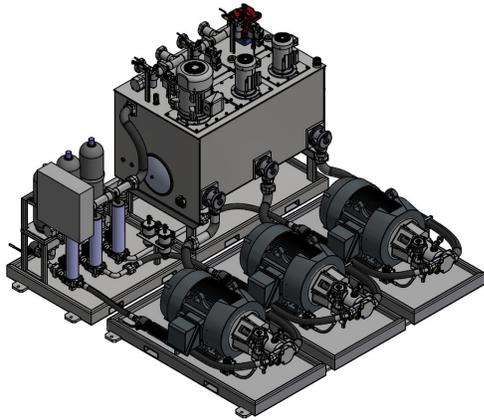
## Accumulators



Piston  
Bladder  
Diaphragm  
Dampers  
Gas Bottles

Isolators  
Charge Kits  
Safety Equip  
Metal Bellows

# HYDRAULIC SYSTEMS



## Fixed Displacement Pumps



Most Popular  
Gear  
Multiple Gear  
Vane  
Piston

Bent Axis  
Screw  
Radial  
Hybrid  
Hydrostatic

## Directional Control Valves



Most Popular  
Solenoid  
Proportional  
Servo  
Lever

Cam  
Air Pilot  
Hydraulic Pilot  
Sandwich  
Manifolds

## Variable Displacement Pumps



Piston  
Vane  
Bent Axis

## Cartridge Valves



Solenoid  
Proportional  
Directional Control  
Pressure Control  
Shuttle

Flow Control  
Load Controls  
Manual Valves  
Check

## Reservoirs



Steel  
Aluminum  
Stainless Steel  
Endcovers  
Trays/Stands

Filler Breathers  
Diffusers  
Strainers  
Isolations

## Hydraulic System



Relief  
Flow Control  
Pressure Control  
Directional Control  
Shuttle

Proportional  
Sandwich  
Bali  
Check

## Hydraulic Filters



Low Pressure  
Medium Pressure  
High Pressure  
Water Removal Duplex  
Return Line

Suction  
Spin-On  
Inline  
Elements

## Electronics



Motion Controllers  
Display Units  
PID Controls  
Safety

Pump Controls  
Signal Converters  
Sensors  
Transducers &  
Switches



## Products

Actuators, Stages & Cylinders	Filtration	Pneumatics
Automation Components	Gauges & Measurement	O-Rings & Seals
Compressed Air Equipment	Hose, Tubing & Fittings	Sensors & Switches
Controls	Hydraulics	Tools & Assembly
Drives & Motors	Machine Safety	Vacuum
Electrical	Mobile & Truck	Valves

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## Services

Seal Kitting Services	Rental Units/Equipment
Hose Kitting Services	Vendor Managed Inventory
Cylinder Interchanges	
Hydraulic Component Repair	
Tube Bending and Fabrication	

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## Engineered Solutions

Control Systems & Enclosures	Custom Hydraulic Manifolds	System Design
Standard Hydraulic Power Units	Pneumatic Systems & Assemblies	Schematics
Custom Hydraulic Power Units	Seal Engineering	Custom Machine Guarding
	System Installation	Workstations & Workcells

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## Technologies

Automation	Hose, Tubing & Fittings	Seals & Engineered Materials
Compressed Air & Pneumatics	Hydraulics	Industrial Hose
Controls/Control Panel	Mobile Controls & Hydraulics	
Electromechanical	Machine Safety	
Filtration		

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## Locations

We support our customers in the Western United States with a growing number of locations. When you visit one of our ParkerStores, you can count on quick, friendly service from one of our store professionals.

All of our ParkerStores stock products provide hose assemblies while you wait, adapters, and many Parker fluid connector products. Individual stores offer additional products and services to support the industries in their specific locations.