Water and Low Viscosity Fluids
Hydraulic Valve System Solutions
Advanced Technologies

Innovative Ceramic Technology

Fluid Logic offers the water hydraulic industry ceramic-based products as standard materials in our line of directional valves. The ceramic spool/sleeve pilot valve is unsurpassed in performance and reliability. Close tolerance and extremely hard surfaces gives the valve long life with no filtration requirements. In addition, Parker applies the same wear characteristics of ceramics to a full line of Descale Valves and Proportional Flow Control Valves.

Mill Duty Valves

Our valves are specifically designed for 5000 PSI service with water, 95/5 kerosene based roll coolants and other low viscosity fluids. The sealing technology incorporated in the design will provide zero leakage service with any hydraulic fluid; including water glycols, synthetic fluids, inverted emulsions, and mineral oil. The efficiency of the poppet design allows much greater flow capacity than comparably sized plunger type valves. The user can often select a smaller valve to accomplish the same work.

We manufacture a full range of mill duty valves from DIN 10 (1/2") to DIN 250 (10’). Valves are available in 2-way, 3-way and 4-way configurations. Dual speed (Six-Pack) valves and pump protection modules are also available.

Valves for Water Hydraulic Applications

- Custom Designed Valve Stands
- Descale Valves
- Proportional Flow Control Valves
- Directional Valves
- Pressure Control Valves
- Engineered Turnkey Systems
Valve Specifications
for Mill Duty Applications

In-Line Top Down Maintenance
- Poppet removed with lifting lug

Test Gage Ports for Each Poppet
- Allow easy troubleshooting

Bolt Direct to Hunt and Salem
- V07, V034, V33, combo and Salem Type 10 subbases will mount to any footprint with adapter plate

Ceramic Spool/Sleeve Pilot Valve
- Direct solenoid operated – no air
- Extremely dirt tolerant – no filtration specs
- 3 Year – 100% Replacement Warranty

“BLACK ARMOR”
- Corrosion and erosion resistance hardening treatment for extended service life

Markets Served

Steel Mills
Aluminum Mills
Tire Press Industry
Cast Iron Pipe Industry
Forging Press Industry
Aerospace
Offshore Oil / Subsea
You Think of It.........We'll Design and Build It