

CHROME High Pressure (CHP) Series

Dedicated Filtration for Light Industrial Applications



Fluid Cleanliness is Critical in Reducing Wear

Filtroil's dedicated by-pass filtration systems far exceed industry standards by filtering down to 1 micron absolute to maintain cleanliness several grades cleaner than brand new oil, dramatically extending the life of the oil while removing moisture.

That increased filtration accuracy allows you to prevent failures on even the most dirt sensitive components and significantly increase uptime.

Maximum contaminant holding capacity as well as water removal with over 400 yards of treated cellulose tightly wound fiber that filters the oil through several inches of media will result in ultra-clean oil.

For heavier duty jobs or pre-filtration of new oil, Filtroil's dedicated pump motor units and heavy duty BGFC Black Gold Series portable carts allow you to filter anywhere, even while equipment is not running.

Industry Applications

- Power Plants
- Paper Mills
- Metal Stamping Facilities
- Injection Molding Facilities
- Die Cast Facilities
- Aluminum Extrusion Facilities
- Blow Molding Facilities

Dedicated Filtration for Peace of Mind

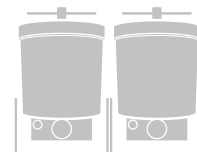
- 1** Field retro-fit installation kits included for mounting to equipment - high pressure side
- 2** Stationary Filtration Units securely mount on your equipment
- 3** Easy element changes, no tools necessary and includes shut-off valve for change on the fly

Features & Benefits

- Filters down to 1 micron, several grades cleaner than new oil
- Moisture removal down to 100ppm
- Lower ISO codes
- Sample port for easily drawn oil samples
- Shut-off valve for quick, easy element changes while equipment is running
- Pressure compensated flow control
- Depth-style filtration for maximum dirt holding capacity and efficiency
- Reduces Contamination Failure in Pumps, Servo Valves, Proportional Valves, Cartridge Valves and Cylinders

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Specifications

**BU-100****BU-200****BU-400**

OVERALL DIMENSIONS (W x L x H)	8.9" x 12.2"	9.4" x 12.2"	20" x 10.5" x 17.5"
NET WEIGHT	21 lbs (9.53 kgs)	25 lbs (11.34 kgs)	46 lbs (20.87 kgs)
RESERVOIR CAPACITY	Up to 250 gal.* (946 liters)	Up to 450 gal.* (1703 liters)	Up to 1,000 gal.* (3785 liters)
DIRT HOLDING CAPACITY	1 lb	1.25 lbs	2.5 lbs
WATER HOLDING CAPACITY	20 oz	24 oz	48 oz
OIL (ISO) CLEANLINESS	16/15/12 or better*	16/15/12 or better*	16/15/12 or better*
FILTERING ACCURACY	1 micron	1 micron	1 micron
FLOW RATE	.50 GPM	.65 GPM	1.20 GPM
MIN./MAX. PRESSURE FLOW CONTROL VALVE	**200 - 3,000 psi	**200 - 3,000 psi	**200 - 3,000 psi
HOUSING BURST STRENGTH	250 - 400 psi	250 - 400 psi	250 - 400 psi
NORMAL VISCOSITY	9-180 cSt @ 40°C	9-180 cSt @ 40°C	9-180 cSt @ 40°C
INLET DIAMETER	SAE-4 (7/16-20) O-ring	SAE-4 (7/16-20) O-ring	SAE-6 (9/16-18) O-ring
OUTLET DIAMETER	SAE-6 (9/16-18) O-ring	SAE-6 (9/16-18) O-ring	SAE-8 (1/2-20) O-ring
SAFETY VALVE PRESSURE	65 - 70 psi	65 - 70 psi	65 - 70 psi
REPLACEMENT ELEMENT	100 E 7.4" x 4.5"	200 E 7.8" x 4.5"	(2) 200 E 7.8" x 4.5"
REPLACEMENT GASKET SETS	100 PS	200 PS	(2) 200 PS

*ISO cleanliness codes will vary depending on operating conditions. Every industry application and operating environment is different. Please speak with a field service engineer with any questions to insure the appropriate size and filtration unit has been selected for your application.