



The Hallmark of Oil Maintenance

HYDRAULIC FILTRATION UNITS For Field Retro-fit Installation

Filtroil's dedicated by-pass filtration systems help you preserve and maintain your hydraulic system by filtering efficiently down to 0.1 micron. This filtration accuracy will allow you to prevent failures on pumps, servo valves, proportional valves, and cylinders.

Filtroil will maintain hydraulic oil cleanliness 2 to 5 grades cleaner than brand new oil, dramatically extending the life of the oil while removing moisture. All units include complete retrofit installation kits.



SUITED FOR:

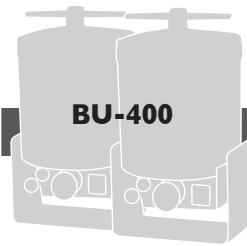
hydraulic systems with pumps, servo valves, proportional valves, cartridge valves, and cylinders



APPLICATION:

dedicated units designed for field retro-fit installation for stationary or mobile hydraulic equipment

SPECIFICATIONS FOR HYDRAULIC FILTRATION UNITS



| | BU-30 | BU-50 | BU-100 | BU-200 | BU-400 |
|---|------------------------|------------------------|------------------------|------------------------|---------------------------|
| overall dimensions | 5.3" x 12" | 7.2" x 11.5" | 8.9" x 12.2" | 9.4" x 12.2" | 20" w x 10.5" d x 17.5" h |
| net weight | 13 lbs. | 16 lbs. | 21 lbs. | 25 lbs. | 46 lbs. |
| quantity of oil in machine | up to 50 gal. | up to 125 gal. | up to 325 gal. | up to 450 gal. | up to 1000 gal. |
| dirt holding capacity | .6 lbs. | .75 lbs. | 1 lbs. | 1.25 lbs. | 2.5 lbs. |
| water holding capacity | 12 ozs. | 15 ozs. | 20 ozs. | 24 ozs. | 48 ozs. |
| oil (ISO) cleanliness | 16/14/11 or better | 16/14/11 or better | 16/14/11 or better | 16/14/11 or better | 16/14/11 or better |
| filtering accuracy | 0.1 micron | 0.1 micron | 0.1 micron | 0.1 micron | 0.1 micron |
| flow rate | .30 GPM | .30 GPM | .50 GPM | .65 GPM | 1.20 GPM |
| min./max. pressure at flow control valve | 200/5,000 PSI | 200/5,000 PSI | 200/5,000 PSI | 200/5,000 PSI | 200/5,000 PSI |
| housing burst strength | 250-400 PSI | 250-400 PSI | 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 | 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-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-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 | 65-70 PSI | 65-70 PSI |
| replacement element | 30 E 4.0" x 4.5" | 50 E 5.6" x 4.5" | 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 | 30 PS | 50 PS | 100 PS | 200 PS | (2) 200 PS |



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