

Mobile Equipment – Hydraulic Kits

Dedicated depth filtration where you need it most

Features

- 0.5 gpm flow control valve
- Pressure relief valve
- Depth media for low ISO cleanliness levels

Benefits

- Dedicated depth filtration for constant contamination control
- Heavy duty, industrial designed canisters ideal for harsh environments



Contaminated oil and hydraulic fluid result in excess machine wear, downtime, and repair costs. Actively filtering lubricants can prevent contamination-related problems.

The Beach mobile equipment hydraulic kit provides filtration with depth media for a constant contamination control solution at very low ISO cleanliness levels.

Contact your local distributor or call Beach today for a custom quote.

03-HYD -1 Mobile Equipment Hydraulic Kit

03-HYD-1

1 -1000 swing bolt lid filter canister
Includes (1) 304 depth filter element designed for hydraulic fluid
1/4 & 1/2" NPT plumbing connections
0.5 gpm flow control valve
50 psi pressure relief valve
Customer to supply hose and fittings needed for machine connections

How This System Works

Oil flow will originate from a constant pressure point in the hydraulic system. A pressure compensated flow control valve is installed at the inlet of the filter canister to meter flow into the hydraulic system.

Oil will flow through the canister at the set rate and be returned to the reservoir. A pressure relief valve is also installed in the canister and returns to the reservoir to prevent accidental over pressuring of the canister.

Hydraulic Kit Filter Media

Wound Cellulose Depth Media

Features Include:

- High efficiency filtration at very low micron levels (≤ 1 micron)
- Ideal for filtering petroleum-based fluids
- Performance to $\beta_{<3(c)}=1000$ (per ISO 16889)
- Dirt holding capacity up to 10lbs per element
- Absorbs up to 1 gallon of water per element
- Can maintain moisture levels below 50ppm

