



900111 150-HH Hydraulic System

Powder-Coated

Used For

- Hydraulic Oil
- Transmissions Oil
- Other low viscosity oil
- Use with petroleum or synthetic fluids

Capacity, Sump Size & Flow Rate

- Requires 4 Qt./3.8 L. of makeup fluid (housing volume)
- Sump range: 0-68 Gal/257.4 Liters.
- *Flow rate range for ISO: **10-150** from .125-1 GPM/ .47-3.8 LPM

Other Specifications

- 1 GPM 65 PSI pump (*not fluid flow rate*)
- 1/2 HP 1725 RPM motor (TEFC)
- 120 volt, single phase
- 10' heavy duty power cord
- Pressure gauge
- Hoses
 - Suction-5/8" ID x 6' (3/4" male NPT x 5/8" female JIC)
 - Discharge-5/8" ID x 6' (3/4" male NPT x 5/8" female JIC)
- Max operating pressure 80 PSI
- **Optimal running pressure between 20-50 PSI (change filter when 50-60 PSI)

Overall Dimensions

- 25" (H) *Plus 20" Clearance above to remove filter*
- 11" (W)
- 18" (D)
- 87 lbs./39.5 kg. shipping weight

Notes

- **Flow rates are established using ISO 10-150 viscosity oils at the standard 40° C/104° F and are subject to vary
- **Viscosity, operating temperature, and generated contamination will affect sizing and flow rates of filtration equipment
- Most applications, elements need to be changed between 300-1000 hours for optimal performance, ideally change the element when the flow is half the starting flow or the PSI is double the starting PSI
- Available in stainless-steel
- Available option for water-based lubricants
- Other system configurations are available



Recommended Elements

- Model 1502 for ISO: 10, 15, 22, 32, 46, 68, 100, 150

Harvard Corporation is able to meet many custom requirements, please contact us with you specific custom needs