



900280 WMD-8 Hydraulic System

Powder-Coated



Used For

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

Other Specifications

- 8 GPM 65 PSI pump (*not fluid flow rate*)
- 3/4 HP 1725 RPM motor (TEFC)
- 120 volt, single phase
- Wire directly into shop electricity (*Does not come with power cord*)
- PSI switch low limit-12, high limit-65
- Pressure gauge
- Push sample port (*located by switch*)
- Plumb directly into shop (*Does not come with hoses*)
 - Suction port-3/4" female NPT
 - Discharge port-1/2" female NPT
- Max operating pressure 80 PSI
- **Optimal running pressure between 20-50 PSI (change filter when 50-60 PSI)

Recommended Elements

- X2 Model 1002 for ISO: 10, 15, 22, 32
- X2 Model 1004 for ISO: 46, 68, 100, 150

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

Capacity, Sump Size & Flow Rate

- Requires 40 Qt./37.9 L. of makeup fluid (housing volume)
- **Sump range: 160-540 Gal./605.67-2044.12 L.
- *Flow rate range for ISO: **10-32** from 1.9-6.5 GPM/7.2-24.6 LPM
- *Flow rate range for ISO **46-150** from 1.38-3.0 GPM/5.2-11.4 LPM

Overall Dimensions

- 31" (H) *Plus 20" Clearance above to remove filter*
- 54" (W)
- 14" (D)
- 251 lbs./113.9 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