



## Description

- Removes contaminants as low as 1-micron
- Removes water and particles
- Does not remove or deplete additives

## Used For

- Gear Oil
- Engine Oil
- Other high viscosity oil-based lubricants

## Capacity & Flow Rate

- Requires 16 Qt./15.1 L. of makeup fluid (housing volume)
- \*Ideal sump range from 16-150 Gal./60.6-567.8 L.  
Lube 16-22 Gal./60.6-83.3 L.  
Gear 101-150 Gal./382.3-567.8 L.
- \*\*Flow rate range from 0-3 GPM/0-11.4 LPM

## Specifications

- Beta<sub>3</sub>=250
- Max operating pressure 80 PSI
- Overall dimensions 15" (H), 7.5" (D)
- 900100, 900099
- Used with petroleum or synthetic fluids

## Notes

- \*\*Flow rates are established using ISO 220-460 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 500-1000 hours for optimal performance, ideally change the element when the flow is half the starting flow or the PSI is double the starting PSI
- The max dirt & water capacities are determined when the flow is reduced by half the original flow (*this is the optimal operating condition*)
- \*\*For high viscosity oils, the oil must be heated in order to obtain flow

## Recommended Viscosities

- ISO: 220, 320, 460
- SAE: 50

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