



**Harvard**  
Corporation

# 1222 Element Water Glycol Element



## Description

- Removes contaminants as low as 1-micron
- Removes particles from water-based coolants
- Does not remove or deplete additives

## Used For

- Water Glycol Fluids
- All Water-Based Lubricants
- Special Oil-Based Application—\*\*\*Upon Request

## Capacity & Flow Rate

- Requires 56 Qt./53 L. of makeup fluid (housing volume) **per filter set**
- \*Ideal sump range from 201-1000 Gal./760.9-3785.4 L. **per filter set**
- \*\*Flow rate range from 5< GPM/18.9< LPM

## Specifications

- Beta<sub>3</sub>=350
- Max operating pressure 80 PSI
- Overall dimensions 15.25" (H), 11" (D)
- Fits part # 900370
- Used with water-based fluids or if applicable petroleum or synthetic fluids

## Notes

- \*\*Flow rates are established using ISO 10-32 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 capacities (per filter set of 2 elements) are determined when the flow is reduced by half the original flow (*this is the optimal operating condition*)
- Each housing requires two 1222 filter elements
- For increased flow, see *part # 1223 or 1224*

## Recommended Viscosities

- Medium thick, water-based lubricants equivalent to ISO: 46, 68, 100, 150

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