



**Harvard**  
Corporation

# 5439 Water Glycol Element



## Description

- Removes Contaminates as low as 1 Micron
- Removes Dirt from water based coolants
- Does not remove or deplete additives

## Used For

- Water Glycol Fluids
- All Water Based Lubricates
- Special Oil Based Applications upon Request

## Filter Capacity

- Requires 20 qt/18.9 L Additional Makeup Fluid

## Specifications

- Beta<sub>3</sub>=350
- Fits 1000 Size Housing
- Overall Dimensions
  - 19.75" Height
  - 7.5" Diameter
- Max Operating Pressure 80 PSI
- Max Reservoir Size
  - Coolant 50.1-200 Gal/189.28.757 L
  - Cutting/Chilling 0-200 Gal/0-757 L
- Flow Rate 2.5-6 GPM *based on system*

## Notes

- Flow Rates are Established using ISO Diesel Fuel-32 Viscosity Oils at the Standard 40° C/104° F and are subject to vary
- Viscosity, operating temp, 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 or when the flow is half the starting flow
- \*The Max Dirt & Water Capacities are determined when the flow is reduced by half the original flow. (*this is the optimal operating conditions*)\*
- Used with Water based, or if applicable Petroleum and Synthetic Fluids

## Recommended Viscosities

- Water Glycol thickness (THIN FLUID) equivalent to ISO Viscosity 5-32