5439 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 20 Qt./18.9 L. of makeup fluid (housing volume)
- *Ideal sump range from 0-200 Gal./0-757.1 L.
  Coolants 51-200 Gal./193.1-757.1 L.
  Cutting/Chilling Fluids 0-200 Gal./0-757.1 L.
- **Flow rate range from 0-4.25 GPM/0-16.1 LPM

Specifications

- $Beta_3$=350
- Max operating pressure 80 PSI
- Overall dimensions 19.75” (H), 7.5” (D)
- Fits part # 900120, 900219
- 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 & water capacities are determined when the flow is reduced by half the original flow *(this is the optimal operating condition)*
- For increased flow, *see part # 3902, 4467, 5458*

Recommended Viscosities

- Thin, water-based lubricants equivalent to ISO: 10, 15, 22, 32

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