

# 1002 Element



## Description

- Removes Contaminates as low as 1 Micron
- Removes Water and Dirt
- Does not remove or deplete additives

## Used For

- Engine Oil
- Transmission Oil
- Hydraulic Oil
- Cutting Oil
- Other Oil Based Lubricants

## Filter Capacity

- Requires 20 qt/18.9 L Additional Makeup Fluid

## Specifications

- Beta<sub>3</sub>=250
- Fits 1000 Size Housing
- Overall Dimensions
  - 19.75" Height
  - 7.5" Diameter
- Max Operating Pressure 80 PSI
- Max Reservoir Size
  - Lube 15.1-22 Gal/56.79-83.28 L
  - Hydraulic/Gear 150.1-250 Gal/567.82-946.35 L
- Flow Rate See Chart\*\*

## 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 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 Petroleum or Synthetic Fluids
- Flow Chart (At High Temperatures ISO 10-22 Oils Max out at Lower than 30 PSI)
- Chart Data G—Gallons Per Minute, L-Liters Per Minute

## Recommended Viscosities

- Viscosity 10-32/SAE 5-10

30PSI	70°F/21.1°C	104°F/40°C	150°F/65.6°C
10	2.75G/10.41L	4G/15.14L	4.25G/16.09L
15	1.83G/6.91L	3.5G/13.25L	4.75G/17.98L
22	1G/3.79L	2G/7.57L	3.60G/13.63L
32	.88G/3.31L	1.38G/5.2L	3.25G/12.30L