



30PSI	70°F/21.1°C	104°F/40°C	150°F/65.6°C
460	.14G/.54L	.87G/3.3L	2.94G/11.14L
680	.18G/.68L	.70G/2.65L	2.19G/8.30L
1000	N/A	.22G/.82L	.99G/3.76L

Chart data **G—Gallons Per Minute, L—Liters Per Minute

**For high viscosity oils, the oil must be heated in order to obtain flow

Recommended Viscosities

- **ISO: 460, 680, 1000
- SAE: N/A

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

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 20 Qt./18.9 L. of makeup fluid (housing volume)
- *Ideal sump range from 16-250 Gal./60.6-946.4 L.
Lube 16-22 Gal./60.6-83.3 L.
Gear 151-250 Gal./571.6-946.4 L.

- **Flow rate: See chart

Specifications

- Beta₃=250
- Max operating pressure 80 PSI
- Overall dimensions 19.75" (H), 7.5" (D)
- Fits part # 900102, 900101, 900382, 900383, 900276, 900176, 900277, 900037, 900033, 900035
- Used with petroleum or synthetic fluids

Notes

- **Flow rates are established using ISO 460-1000 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*)