

## DRUM PUMP FILTRATION SYSTEM

**up to 7,000 SUS**

**Motor Adapter**  
Allows for easy transfer of motor to other Drum Pump Filtration Systems

**Rubber Dust Cap**  
Prevents contaminants from entering the nozzle when not in use

**Dispensing Nozzle**  
Provides continuous flow and safe lubricant transfer

**Hose**  
Heavy-duty reinforced clear PVC

**Bung Adapter**  
Includes sealing bung adapter (not shown in photo)

**Differential Pressure Gauges**  
Indicates when elements need to be changed

**Spin-On Filter**  
Standard with 10 micron absolute Beta>200 spin-on filter

**Ground Lead**  
Prevents potential sparking and static build up between conductive equipment by grounding structures

**Pump Tube**  
Capable of fitting containers up to 39"

**P/N - 30017**  
**Drum Pump Filtration System**  
Ideal for filtering 55-gallon drums



**P/N - 30018**  
**Electric Motor**



**P/N - 30019**  
**Pneumatic Motor**

Patent - 8,147,684

### DESCRIPTION:

Actively filtering lubricants from storage drums can prevent contamination related problems. Trico's Drum Pump Filtration System can prevent contamination or remove it when used in daily operations, including filtering oil directly from the storage drum to fill totes and transfer containers.

The Drum Pump Filtration System provides a dispensing nozzle for continuous flow and metering of lubricants, and a protective rubber nozzle cap to prevent contaminants from entering the nozzle when not in use. This system is capable of delivering a flow up to 6.8 gpm and is rated for use with lubricants up to a viscosity of 7,000 SUS, depending on motor selection. The Drum Pump Filtration System comes standard with a 10 micron

absolute Beta>200 spin-on filter element and a sealing bung adapter. Differential pressure gauges help specify the filter element condition and the need for replacement.

The universal design of the Drum Pump Filtration System integrates a quick change hand wheel design, allowing the motor to be transferred from one Drum Pump Filtration System to another without buying additional motors or removing the entire apparatus. This follows industries best handling practices by avoiding cross contamination of different lubricant types, reduces further particle contamination and eliminates messy lubricant spills.

A variety of filter elements are available to meet recommended manufacturer cleanliness levels.

#### FEATURES:

- Hand wheel modular design for easy transfer of motor to other Drum Pump Filtration Systems
- Clear, non-collapsible PVC for visual confirmation of flow
- Differential filter gauges to indicate filter element condition and replacement
- Dispensing nozzle offers a controlled solution for safe lubricant transfer

#### SPECIFICATIONS:

Specifications	Tube Assembly (P/N-30017)
Type	Seal-less / Centrifugal
Material	Stainless Steel 316
Tube Length	39" (99 cm)
Maximum Temperature	190°F (90°C)
Discharge Nozzle	3/4"
Discharge Line	1" Non-Collapsible PVC
Hose Line Length	6' (1.8m)
Filter Media	10 Micron Absolute Beta>200
Replace Filter Media	20 PSI Differential (137 kPa)
Specifications	Electric Motor (P/N-30018)
Motor	1.10 HP @ 10,000 RPM
Maximum Viscosity	7,000 SUS (1500 cSt)
Flow Rate	6.8 GPM
Electric Motor Rating	220V 50 Hz,
Specifications	Pneumatic Motor (P/N-30019)
Motor	3/4 HP @ 8,000 RPM
Maximum Viscosity	3500 SUS (755 cSt)
Flow Rate	4.5 GPM
Inlet Pressure	100 PSI max @ 28 CFM
Stall Pressure	50 PSI (344 kPa)
Air Inlet Connection	1/4" NPT Female