

HIGH VISCOSITY FILTER CART

up to
7,500
SUS

Bypass Valve
Allows transfer of oil without filtering

Oil Sampling Ports
Two sampling ports available to monitor condition of oil (*not shown in photo*)

Quad Filters
Four filter elements for increased holding capacity

FRL Filter
Removes moisture and debris from air line to prevent premature wear and failure (*pneumatic motor version only - not shown in photo*)

Industrial Strength Tires
Wide tires capable of getting over large grate gaps.



Heavy Duty Cart
Rugged and built to last

Differential Pressure Gauges
Indicates when elements need to be changed

Hose & Wand Assembly
Heavy steel wire reinforced clear PVC hoses with 3' long metal wands

Drip Pan
Keeps work area safe and clean

P/N - 36970 (Electric)
P/N - 36933 (Pneumatic)
Portable filtration cart that can service multiple pieces of equipment

DESCRIPTION:

In the past choices were very limited when it came to filtering lubricants with viscosities greater than 500 SUS @ 100°F. Now Trico offers a solution with our Portable Filter Cart System. The problem with attempting to filter a high viscosity oil with a lower viscosity system is that the pump and filters are not designed to work with higher pressures required to push high viscosity fluids through the system. As a result these low viscosity units operate primarily in “bypass” mode where little if any of the high-viscosity oil gets filtered.

Trico’s High-Viscosity Gear and Lube Oil Portable Filter Cart System is specifically designed for high-viscosity fluids associated mainly with gear oils and can filter oils up to 7500 SUS @ 100°F (1600 cSt @ 40°C).

To ensure that the equipment receives the cleanest oil possible, for increased equipment life, Trico's Portable Filter Cart System provides four filter elements for increased holding capacity..

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

FEATURES:

- Bypass Valve - Allows transfer of oil without filtering.
- Oil Sampling Ports - Two sampling ports available to monitor condition of oil.
- Quad Filters - Four filter elements for increased holding capacity
- Industrial Strength Tires - Wide tires capable of getting over large grate gaps.
- Differential Pressure Gauges - Indicates when elements need to be changed.
- Heavy Duty Cart - Rugged and built to last.
- Hose & Wand Assembly - Heavy steel wire reinforced clear PVC hoses with 3 ft long metal wands.
- Drip Pan - Keeps work area safe and clean.

SPECIFICATIONS:

Pump Type	Industrial Grade Gear Pump or Pneumatic Motor
Flow Capacity	4 GPM - Electric 3 GPM - Pneumatic
Pump Speed	1725 RPM - Electric Variable up to 3000 RPM – Pneumatic
Maximum Inlet Vacuum	8" of Mercury (27.09 kpa)
Hose Sizing @ 2 ft/sec	1.25" Diameter @ 6 ft Long (31.7 mm diam @ 1.82 metres long)
Maximum Operating Temperature	150°F (65°C)
Pump By-Pass	105 PSI (723 kpa)
Filter By-Pass	43 PSI (297 kpa)
Maximum Viscosity	1600 cSt @ 40°C / 7500 SUS
Seal and Gasket Material	Viton®
Electrical Service Required	220 Volts, Single Phase, 50 Hz (electric version only)
Air Inlet Connection	1/4" NPT Female (pneumatic version only)
Max. Operating Pressure	100 PSI (689 kpa) (pneumatic version only)
Weight	140 lbs (63.5 kgs)- Electric 156 lbs (70.7 kgs) – Pneumatic
Dimensions	28"W x 21"D x 48"H (71.1 cm x 53.1cm x 121.9 cm)