



# HYDRAULIC OIL FILTRATION SYSTEM

## TWO STAGE FILTRATION PORTABLE HAND CART MODEL

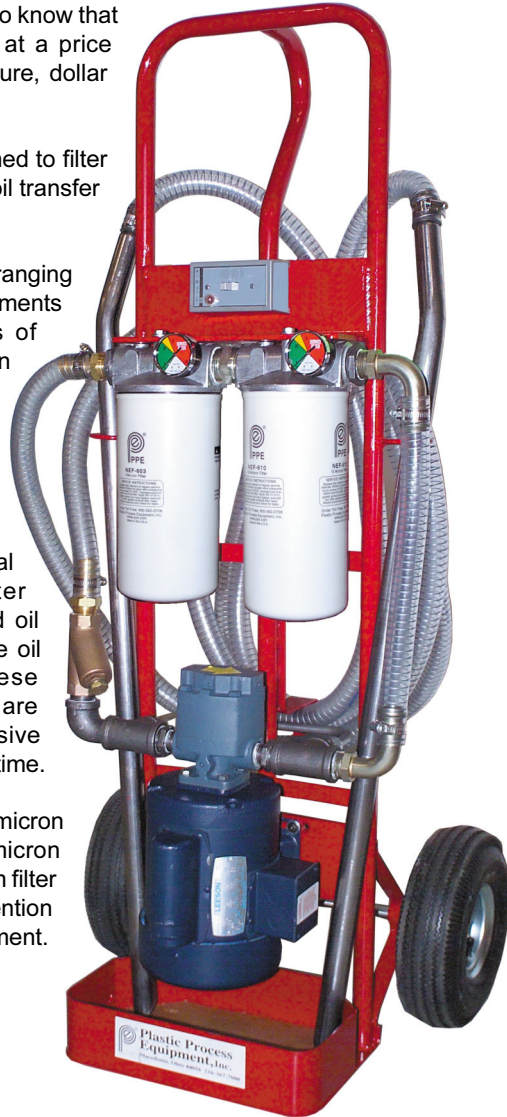
When every dollar counts, it's good to know that PPE meets all your requirements at a price nobody can match, feature for feature, dollar for dollar.

PPE's off-line filtration unit is designed to filter your hydraulic and lube oils during oil transfer or as a kidney loop process.

It is common to find contaminants ranging from water to particulate in new shipments of oil. On average seven grams of particulate contamination is found in every 100 gallons of new barreled oil. In most cases the oil in your system is at a higher cleanliness level than the oil you receive from your supplier.

The PPE Filtration Systems are ideal for filtering particulate and water contaminants found in new oil and oil found in existing hydraulic and lube oil systems. By not removing these contaminants critical components are often damaged leading to expensive repairs or replacements and down-time.

This unit comes standard with a 10 micron upstream filter element and a 3 micron downstream filter element. Upstream filter elements should have a larger retention rating than the downstream filter element.



**FILTERS INCLUDED:**  
1 ea. NEF-610  
1 ea. NEF-603

**PORTABLE HAND CART 3/4 HP MODEL**  
Part No. NEF11-610-603 ..... **\$1,725.00** ea.

### FEATURES

- 11 GPM Flow Capacity
- Two Filters for:
  - Longer Filter Life
  - Two Stage Filtration
  - Clean, Easy Filter Change-Out
- Filter Down to 3 Micron Absolute (M)
- Water Absorbing Elements (AQ)
- Industrial Quality Gear Pump
- Heavy Duty Cart with Drip Pan
- Pump Safety Relief Valve
- "Y" Strainer on Pump Inlet
- 12' Long Hose Assemblies
- Easy to Read Differential Pressure Gauges

### SPECIFICATIONS

**INDUSTRIAL QUALITY GEAR PUMP:**  
11 GPM (100 SUS†).

**ELECTRIC MOTOR:**  
3/4 HP @ 1725 RPM. 1.15 S.F., TEFC

**ELECTRIC SERVICE REQUIRED:**  
115 Volts, 10 Amps, Single Phase, 60 Hz

**POWER CORD:**  
6' Length

**ON/OFF SWITCH:**  
Industrial Toggle-Operated Motor Starter Mounted in a NEMA-1 Housing with Replaceable Motor Overloads.

**PUMP RELIEF SETTING:**  
60 PSIG Fixed.

**FILTER BY-PASS VALVE SETTING:**  
Set @ 25 PSID on both Primary and Secondary Stage.

**FILTER CART HOSES:**  
Two 12' Long Steel Wire Reinforced PVC Hoses with two 3' Long Metal Wands.

**FLUIDS:**  
Petroleum based (500 SUS† Maximum).

**WEIGHT:**  
125 lbs. (145 lbs. Approximate Shipping Weight)

**DIMENSIONS:**  
17-3/4" L x 45-1/4" H x 20-1/2" W

**FILTERS INCLUDED:**  
1 ea. NEF-610  
1 ea. NEF-603

### REPLACEMENT FILTER ELEMENTS

Part No.	PRICE		Diameter Inches	Length Inches	Mounting Thread	Micron Rating	Beta 4/20/75	Media Sq. In.	DHC* (grams)	WHC** (ounces)
	1-5	6+								
NEF-601M	\$55.00	\$52.25	5.1	10.9	1 1/2-16	1 ABS	2/5/1	1195	20	---
NEF-603	26.25	24.95	5.1	10.9	1 1/2-16	3	3/7/10	1269	32	---
NEF-603AQ	32.50	30.85	5.1	10.9	1 1/2-16	3	3/7/10	648	40	29
NEF-603M	39.00	37.00	5.1	10.9	1 1/2-16	3 ABS	1/2/3	---	32	---
NEF-606M	39.25	37.50	5.1	10.9	1 1/2-16	6 ABS	2/4/6	---	71	---
NEF-610	22.10	21.00	5.1	10.9	1 1/2-16	10	8/25/30	1052	50	---
NEF-610AQ	32.60	31.00	5.1	10.9	1 1/2-16	10	8/25/30	648	47	29
NEF-610AQM	48.60	46.25	5.1	10.9	1 1/2-16	10 ABS	2/6/10	641	59	27

\* Dirt Holding Capacity (Grams).

\*\* Water Holding Capacity (Ounces).

† Saybolt Universal Seconds.



**PLASTIC PROCESS EQUIPMENT, INC.**

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