PORTABLE FILTER CART

Quality That Won’t Cost You More

Off-line filtration units are 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.

Our Filtration Systems are ideal for filtering particulate and water contaminants found in new oil and 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.

FEATURES & BENEFITS

- 5 & 11 GPM Flow Capacities
- Two Filters:
  - Longer Filter Life
  - Two Stage Filtration
  - Clean, Easy Filter Change-Out
- Filtration Down to 1 Micron Absolute
- Water Absorbing Elements
- 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 GRADE GEAR PUMP:
NEF05: 5.3 GPM
NEF11: 11 GPM

ELECTRIC MOTOR:
NEF05: ½ HP@1725 RPM, 1.15 S.F., TEFC
NEF11: ¾ HP@1725 RPM, 1.15 S.F., TEFC

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

POWER CORD:
12' Long Industrial Cord (14-3) With Standard 3-Prong Plug

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

PUMP RELIEF SETTINGS:
- 60 PSIG Fixed

FILTER BY-PASS SETTING:
Set @ 25 PSIFD on Both Primary and Secondary Stage

FILTER CART HOSES:
12’ Long Steel Wire Reinforced PVC Hoses With 3” Long Metal Wands

FLUIDS:
Pertoleum Based (500 SUS Maximum)

WEIGHT:
125 LBS.
145 LBS. (Approximate Shipping Weight)

HOW TO ORDER

NEF - - - - - - - - - - - -

FLOW (GPM) *UPSTREAM ELEMENT DOWNSTREAM ELEMENT OPTIONS

<table>
<thead>
<tr>
<th>CODE</th>
<th>FLOW</th>
<th>H.P.</th>
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<tbody>
<tr>
<td>05</td>
<td>5.3 GPM</td>
<td>%</td>
</tr>
<tr>
<td>11</td>
<td>11 GPM</td>
<td>%</td>
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*UPSTREAM FILTER ELEMENT SHOULD HAVE A LARGER RETENTION RATING THAN THE DOWNSTREAM ELEMENT

OPTIONS

<table>
<thead>
<tr>
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<th>DESCRIPTION</th>
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<tr>
<td>N</td>
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<tr>
<td>BV</td>
<td>BALL VALVE SUCTION AND RETURN WANDS</td>
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<tr>
<td>V</td>
<td>VITON O-RINGS</td>
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<td>BYP</td>
<td>FILTRATION BYPASS SYSTEM</td>
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FILTER ELEMENT OPTIONS

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<thead>
<tr>
<th>Part Number</th>
<th>Diameter</th>
<th>Length</th>
<th>Mfg. Thread</th>
<th>Micron Rating</th>
<th>Beta</th>
<th>Media Sq. Inches</th>
<th>DHC*</th>
<th>WHC*</th>
<th>Case Qty</th>
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<td>10.9</td>
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<td>10.9</td>
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<td>3 ABS</td>
<td>3/7/10</td>
<td>1269</td>
<td>32</td>
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<td>10.9</td>
<td>1 ½ - 16</td>
<td>6 ABS</td>
<td>2/4/6</td>
<td>648</td>
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<tr>
<td>603M</td>
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<td>10.9</td>
<td>1 ½ - 16</td>
<td>10</td>
<td>8/25/30</td>
<td>50</td>
<td>-</td>
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<td>6</td>
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<td>600M</td>
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<td>10.9</td>
<td>1 ½ - 16</td>
<td>10 ABS</td>
<td>8/25/30</td>
<td>54</td>
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<tr>
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*Dirt Holding Capacity (Grams) ** Water Holding Capacity (Ounces)

PRECISION FILTRATION PRODUCTS • P.O. BOX 218 PENNSBURG, PA 18073