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.

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)

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

HOW TO ORDER

FLOW (GPM) | *UPSTREAM ELEMENT | DOWNSTREAM ELEMENT | OPTIONS

NEF - _____ - _____ - _____ - _____

CODE	FLOW	H.P.
05	5.3 GPM	½
11	11 GPM	¾

*UPSTREAM FILTER ELEMENT SHOULD HAVE A LARGER RETENETION RATING THAN THE DOWNSTREAM ELEMENT

OPTIONS	
CODE	DESCRIPTION
N	NONE
BV	BALL VALVE SUCTION AND RETURN WANDS
V	VITON O-RINGS
BYP	FILTRATION BYPASS SYSTEM

FILTER ELEMENT OPTIONS												
Part Number	601M	603	603AQ	603M	606M	610	610AQ	610AQM	612M	625	625M	6100
Diameter	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Length	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
Mtg. Thread	1 ½ - 16	1 ½ - 16	1 ½ - 16	1 ½ - 16	1 ½ - 16	1 ½ - 16	1 ½ - 16	1 ½ - 16	1 ½ - 16	1 ½ - 16	1 ½ - 16	1 ½ - 16
Micron Rating	1 ABS	3	3	3 ABS	6 ABS	10	10	10 ABS	12 ABS	25	25 ABS	141
Beta 4/20/75	2/5/1	3/7/10	3/7/10	1/2/3	2/4/6	8/25/30	8/25/30	2/6/10	3/6/12	10/25/34	8/17/25	40/70/141
Media Sq. Inches	1195	1269	648	-	-	1052	648	641	1041	1227	1246	330
DHC*	20	32	40	32	71	50	47	59	90	130	138	63
WHC*	-	-	29	-	-	-	29	27	-	-	-	-
Case Qty.	6	6	6	6	6	6	6	6	6	6	6	6

*Dirt Holding Capacity (Grams) ** Water Holding Capacity (Ounces)

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