K&P Engineering

Inspect, Clean, Reuse

Setting the industry standard with technological advancements and product design.

- Premium filter engineering, manufacturing and testing since 1995.
- 100% in-house designed and manufactured in the USA
- Extensive application list
- Technical information and assistance available directly from the manufacturer

Unique Design Top Quality Materials and Construction

The filter element is made from stainless steel wires woven into a filter cloth that provides unmatched protection against fluid contamination while supplying incredible flow rates. The twist lock design allows for easy disassembly, inspection and cleaning, while the aluminum housing aids in dissipating heat.

www.KandPEngineering.com

www.KandPEngineering.com

FAA APPROVED

K&P Engineering

High Performance Filtration For Fleet & Heavy Duty Applications

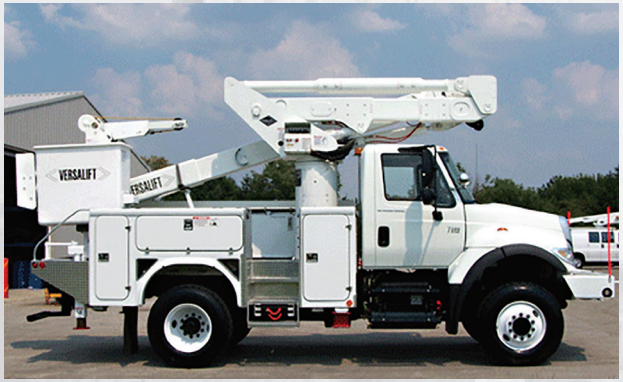
Cleanable & Reusable Filtration Products

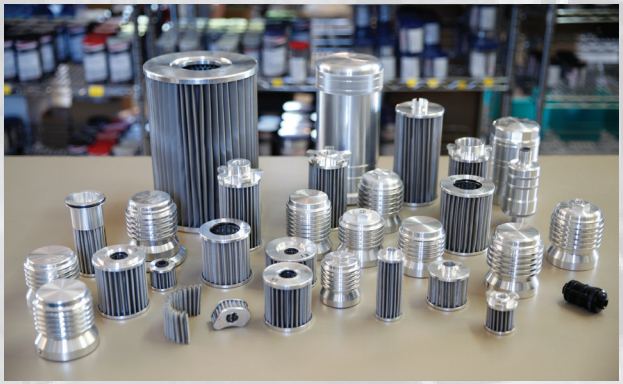
MADE IN THE U.S.A.

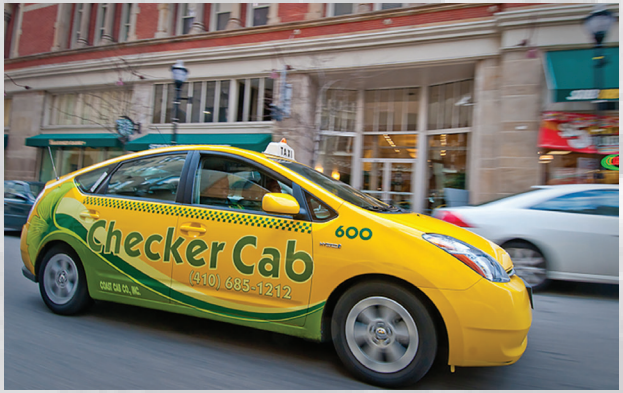
www.KandPEngineering.com

K&P Engineering

The World's Finest Oil Filter







www.KandPEngineering.com

DISPOSABLE FILTER **VS** **K&P ENGINEERING CLEANABLE / REUSABLE FILTER**

New Disp. Filter Inventory/Storage:
- Floor Space $
- Labor $
- Inventory $

Used Disp. Filter Drain Station:
- Floor Space $
- Labor $
- Equipment $

EPA Requirement:
- Drain all free flowing oil (filter can still contain 10 oz. of oil)

Disp. Filter Crushing Station:
- Floor Space $
- Labor $

Storage of 'Dead' Disp. Filters:
- Floor Space $
- Labor $

Landfill:
- Many states do NOT allow filters in landfills.

Disp. Filter Recycler:
- Recycling fees

K&P Reusable Filter Cleaning: Filter goes back on the truck, oil and cleaner go to current fluid recycling process.

Used Oil Recycling

Inspect, Clean, Reuse

ENVIRONMENTAL EFFECTS OF DISPOSABLE OIL FILTERS:

- Over 450 million disposable paper filters are manufactured and sold annually in the U.S.
- 50% to 75% of those millions are not properly recycled
- A used paper filter traps from 20% to 60% of the oil in the filter (depending on the draining process used) which can end up in the landfill.
- One gallon of used oil can contaminate up to one million gallons of fresh water.
- In California it is estimated that 1.2 million gallons of oil contained in used filters are improperly disposed of each year.
- Up to 160,000 tons of steel is wasted every year on disposable filters – enough to build 16 baseball stadiums

THE K&P ENGINEERING REUSABLE FILTER SOLUTION:

Environmental Benefits:
- Mitigates the "environmental effects of disposable oil filters"
- Potential reduction of carbon footprint (emissions)
- Helps satisfy "green" mandates

Mechanical Benefits:
- Up to 7 times more flow than paper filters
- Oil pressure increase.
- Oil pressure faster at start up.
- Bypass stays closed longer = cleaner oil.
- Reduced pump drag = potentially increased mpg
- Magnetic prefiltering
- Inspect for contaminants in seconds

Financial Benefits:
- Reduces/eliminates filter storage, inventory costs
- Reduces filter costs after the break-even point (Approximately 10 paper filters).
- No filter draining process or station required.
- No filter crushing process or station required.
- No storage area for "dead" oil filters required
- No filter recycling / disposal services necessary
- Clean fluid and more of it = Longer asset life.
- Potential mileage increases of 1/3 to 1/2 mpg = fuel savings