



FLOW EZY FILTERS "NEWS YOU CAN USE"—JUNE 2007

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PORTABLE FILTER SYSTEM



Check out our portable oil and transfer system which has many uses in the plant, and in the field. There are many options, like motor and pump size, connector size, micron combinations, sample ports, cord reel, relief valve, and even color.

This oil handling system incorporates smart technology to make oil handling a simple task. It requires less equipment and labor while reducing system contamination.

Flow Ezy's *Portable Oil Transfer and Filter System* has many applications, such as;

- Fluid transfer from drums or storage tanks to a system reservoir
- Fluid conditioning
- Filtering out system oil resulting from failure of a system component
- Removal of water from oil (with optional water removal filter)
- Clean up contaminated oils

IMPORTANT NOTE TO DISTRIBUTORS

Are you looking for additional ways to increase revenue? Are you looking for additional ways to service your customers? It would be a good idea to purchase a filter cart and develop a maintenance program with your customers. This would go a long way when it comes to customer service and credibility. It would also help keep an eye on their systems to keep them operating efficiently. The money invested in the purchase of a customized filter cart would be returned in a very short period of time.

EMPLOYEE PROFILE



Meet Jim Wilson, a 14 month employee of Flow Ezy. Jim is in inside sales. Jim came to Flow Ezy from Ford Motor Co. engineering design. Jim has been married to Deneen for 16 years and has 2 children, daughter Tia 13, and son Talon 6. Jim and his family live in Brooklyn. Jim and his family are outdoor people. They enjoy hunting, fishing, camping, and they do a lot of community volunteer work.

QUESTIONS ABOUT LUBRICATION

1. Lubricants are used to: 1) reduce friction; 2) prevent wear; 3) prevent corrosion; 4) A, B, and C.
2. Lubrication contamination is the main cause of mechanical system failure. True or False.
3. What is the measurement of the resistance of a fluid's molecules to move past each other?
4. Sealed bearings should be relubricated on a regularly

Answers: 1) 4; 2) True; 3) Viscosity; 4) False.

PORTABLE FILTER SYSTEM—DRUM TOPPER



Like the filter cart model to the left, the *Drum Topper* can perform the same duties, and has the same options. It is designed to sit on top of a 50 gallon drum. With the use of an adaptor it can transfer, condition, introduce oil to a reservoir, or clean up contaminated oils. The complete unit weighs only 45 lbs. Contact us anytime for a spec sheet and pricing.

MELT BLOWN CARTRIDGES ARE HERE!



A couple of months ago, right here in the "Flow Ezy News You Can Use," it was stated

that we would have cartridges available with melt blown media. Pleated polyester, and polypropylene are options. Whether you have general industrial applications, food applications, electronics, or pharmaceutical applications, we can help. With DOE, SOE, or -222 o-ring end cap configuration, we can help. Micron sizes available are 1.5, 5, 8, 10, and 25. They can be made in any length you require. Contact Flow Ezy to see how we can help.

NANOTECHNOLOGY

This is a rather new area in which the terms "ultrafiltration" and "microfiltration" have deeper meanings. Nanofibers are a new class of nonwovens. In it's broadest sense of the term, nanofiber generally refers to fiber with a diameter of less than one micron. Check these dimensions out -

- Micron - .000001 meter or one millionth of a meter
- Nanometer - .000000001 or one billionth of a meter

Now that's small! You can find nanomaterials used in items such as diapers, many different types of clothing, cosmetics, tennis rackets, ski wax, palm pilots, cell phones, digital cameras, bandages, drug delivery patches, and countless other consumer products. Specifically in filtration applications, nanotechnology plays a role in water filtration for the removal pesticides, herbicides, organic removal, softening, and in many other areas. To learn more on nanotechnology, visit your library or go online.

Welcome to the world of nanotechnology!

TANK BREATHERS

We all know the importance of allowing a reservoir to breathe. As fluid levels rise and fall, air going into a tank brings contaminants with it. To keep these airborne contaminants out of the system, a filtered tank breather is necessary.



Flow Ezy has the solution to your problem no matter what your requirement is. We can help with air flow rates up to 50,000 cfm. If moisture is a concern, we can help with that, too.