



FLOW EZY FILTERS, INC.

Manufacturer of hydraulic, pneumatic, air, oil and fuel filters

March 2016



MAGNETIC FILTRATION PRODUCT LINE

Magnetic filtration can be used as an alternative to media-based systems in industrial coolant or oil systems. Magnetic filtration relies on the power of magnetic attraction and capture of ferrous particles from a fluid stream. It does this by placing a high intensity, rare earth, permanent magnetic rod in the fluid path. It is positioned such that all fluid must pass around the rod with sufficient contact and proximity to enable all the ferrous particles to be drawn to the magnet. For more information, refer to our [Magnet Filtration mini-catalog](#).

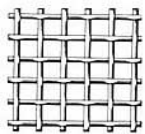
This is just one of our Models - the Micromag®

HOW WATER CAN CONTAMINATE HYDRAULIC OIL

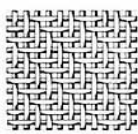
First of all, cloudy oil is a good indication that there is water in the oil. In some cases, however, smaller amounts of water are not visible to the naked eye.

1. Moisture can enter through a standard tank breather that allows moisture to enter a reservoir collecting in the head space and getting into the oil.
2. System washdown and leaky systems. When systems and equipment are washed there is a good chance, if the systems is not completely sealed, water will enter.
3. New oil contamination. Everyone knows that new oil is not always “clean” oil. Unless you receive your oil from a reputable supplier, beware of some water contamination.

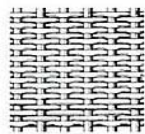
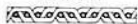
Water contamination will enhance the aging process of oil which can result in multiple problems for any system. Ask how Flow Ezy can help...



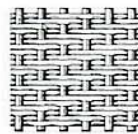
Plain



Twilled



Dutch



Twilled Dutch



MESH OR MICRON? WHAT IS THE DIFFERENCE?

That is a good question. If you need to keep a specific level of filtration in a system, make sure both you and your customer are on the same page. If you are talking micron and your customer is talking mesh, there will be problems, guaranteed.

On our web site you will find a link that reads “Learning Center”. You can go directly to the [Wire Cloth Rating Chart](#) where you will find information that can help you understand differences between mesh and micron, relative sizes of particles, and other technical “tools”. They may help you in your career as we all move forward in solving problems through filtration.

Questions or Comments? Want to be removed from this mailing list? E-mail us at flowezy@flowezyfilters.com or call 734-665-8777

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