

A safe, money-saving way to maximize oil life.

Are you interested in saving money and also doing your part to protect the environment? G2F is a leading oil 'by-pass' filtration system that removes ultra-fine contamination down to 1 micron and water at 99.97% from oil. It can be used in all sorts of engines - diesel engines, hydraulic systems, transmissions, gear boxes, as well as water glycol systems.

What's different about this system is that it improves upon the existing 'full-flow' oil filters. The old 'full-flow' filters normally miss ultra-fine contamination and water. And missing these means more wear and tear on your engine, causing your engine to die before its time. Generation 2 Filtration™ systems catch that contamination and water. They maximize oil life and make your equipment dollars s-t-r-e-t-c-h farther. The G2F system maintains hydraulic oil cleanliness levels up to 4 ISO grades cleaner than the ISO cleanliness of oil when it is purchased new.

- **ROI** for G2F installation on a **diesel engine** is **4-5** the 'normal' oil change cycles (based on an oil change costing \$200). ROI on a hydraulic system would be greater but over a longer period of time; however, the **ROI is immediate if the system is experiencing a water contamination problem** which, as you know is a significant problem with hydrolic systems.
- Being a 'by-pass' filter, it **can be installed on virtually any machine or equipment, without any modifications to the existing filtration system** or the operation of the equipment. We obtain a source of oil pressure from the component (main pressure gauge, pressure port, oil cooler), filter the oil via the housing and element, before returning the polished oil free of water back to the oil reservoir.
- The element **removes ultra-fine contamination down to 1 micron**. Standard diesel engine oil filters are 25 microns, while a standard hydraulic filter is 15 microns (human hair is typically 75 microns in diameter).
- The element **removes water from oil at 99.97% on a single pass**, dramatically reducing the formation of acids, dramatically **prolonging the health and life of oil** and **minimizing corrosive action** within the component. Spin-on filters are not designed to remove or retain water.
- The filter **maintains hydraulic cleanliness levels up to 5 ISO grades** cleaner than the cleanliness grade of new hydraulic oil.
- Physical inspection of the used element can identify a leaky cooler, as well as provide insight to the overall health of a hydraulic system.
- The filter **can prolong diesel engine oil by up to a factor of 5** (depending upon the engine, operator, and working environment).
- Physical inspection of the used element from a diesel engine can **identify coolant leaks and leaky injectors**.
- Both systems remove ultra-fine contamination, dramatically **reducing mechanical wear**, increasing the life of the component, while reducing your long-term maintenance costs.
- G2F helps customers reduce waste oil, and **improve ISO 14001 status**.

There are over 800 filtration units currently in operation in Atlantic Canada!

These savings can help your company's bottom line. Ask us for additional information or speak to our technical expert. We'll even demonstrate the product for you and your team of professionals. It's a great 30-40 minute presentation/demonstration. Call us today because you want to save your company money.

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