FILTERING BIODIESEL

Biodiesel has several unique qualities that are important to consider when determining which fuel filter to use:

**SOLVENT EFFECTS**
Due to biodiesel’s solvent nature, the fuel can “clean out” fuel tanks, causing gums and sediments from the fuel tank and piping to enter the fuel.

**OXIDATION**
Biodiesel can be prone to oxidation, which can cause contaminants to enter the fuel stream.

**HIGH WATER CONTENT**
Biodiesel can hold more water than diesel.

**FLOW CHARACTERISTICS**
Biodiesel has a higher viscosity and higher cloud point than diesel.

**CHOOSING A FILTER**
Because of biodiesel’s distinct qualities, we always recommend our Microglass or Hydroglass filters. These filters provide increased retention, lower clean filter differential pressure, and less resistance to fluid flow—all of which are essential to effectively filter biodiesel.

**MICROGLASS**
FOR PARTICULATE REMOVAL

- COATED STEEL WIRE FOR STRENGTH AND RIGIDITY
- WET LAID SYNTHETIC FIBERS
- SPUN BOND SYNTHETIC MATERIAL FOR SUPPORT AND FILTER MEDIA PROTECTION

**HYDROGLASS**
FOR PARTICULATE REMOVAL & WATER DETECTION

- ADVANCED WATER DETECTION MATERIAL BETWEEN TWO MICROGLASS LAYERS RESTRICTS FLOW WHEN WATER IS DETECTED

**IF WATER IS A CONCERN, CHOOSE HYDROGLASS**
Hydroglass features advanced water detection material that swells when water is present. This slows flow and alerts the operator that action is required.

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