

Power Klenz ID Reduces Biodiesel Filter Clogging



Biodiesel is composed of many components. For example, here is the typical makeup of B100 canola oil:

	% mass
Methyl Esters	97.5
Free Glycerin	0.001
Total Glycerol	0.165
Monoglycerides	0.575
Diglycerides	0.095
Triglycerides	0.010
Methanol Content	0.110

The key components that are going to be discussed here are monoglycerides. Monoglycerides are partially converted fats and oils that are accounted for as part of the total glycerin. In canola oil, monoglycerides make up just about 1/2 %. Monoglycerides that are formed from different feedstocks, like palm or tallow, will have different properties. The one thing monoglycerides have in common with one another, even in different feedstocks – is that they clog diesel fuel filters.



Monoglyceride Filter Clogging

They will appear on the filter as a waxy, thick coating. If you suspect this has occurred with your fuel filter in the past, is occurring with your fuel filter or you just want to prevent this from happening, use one of Primrose's exclusive Klenz ID additives.

Klenz ID is available in the following sizes:

- 1-Quart Bottles
- 1-Gallon Bottles
- 2.5 Gallon Jugs
- 5 Gallon Container
- 55 Gallon Drum
- 275 Gallon Tote
- Bulk Tanker Truck

Give us a call; we can help!

