



Biodiesel Problem / Issue		Centron Solution
Bacteria, Fungus and Yeast are a constant problem with Biodiesel fuel causing fuel filter plugging. Also, residual alcohol from etherification process can remove deposits from fuel tanks and lines causing additional filter plugging.		Contains powerful detergents & emulsifiers to separate, kill & dissolve contaminants. Continual cleaning of Centron prevents filter plugging problems. After initial fuel filter change (1000 miles) filter change intervals can be extended
Oil contamination and dilution produces oil sludging that may necessitate shortening intervals of oil changes.		Top rated lubricant properties protect vital engine parts along with seals on piston rings to reduce blow-by and extend oil change intervals
Methyl Ester/Alkyl Ester softens and degrades elastomers and natural rubber compounds. Degrades (dry out) fuel system components including hoses and fuel pump seals. Elastomer seals and hoses may require retrofitting.		No effect on seals or any fuel system materials. Lubricates injector pumps, injectors, emulsifies water and suspends it that is then burned through the combustion process. Protects fuel system materials like copper and aluminum.
Has poor oxidation stability qualities, which accelerate fuel oxidation and contamination in the fuel system. Especially vulnerable are electronic systems due to operating at higher temperatures		Functions as a fuel stabilizer. Promotes molecular balance in the fuel and makes it shelf and tank stable for 5 years. Promotes tank and storage facility cleanliness and eliminates water present in the bottom of the tank (with continued use)
The energy content per gallon of biodiesel is approximately 11% lower than that of petroleum diesel. Vehicles running on biodiesel are therefore expected to achieve about 10% fewer miles per gallon		Centron is proven to increase fuel economy performance by 5%- 15% plus increases HP, pulling power, improves operability, start-up and idling
Biodiesel begins to gels / crystallizes at 32 F clogging fuel filters Cold weather fuel Gelation/filter plugging and increased injector deposits occur. B100 gels faster than B20. Requires pour-point treatment for winter use		Pour point reduced to -20 below with Centron.