



BioDetect Field Test Instructions

For the detection of biodiesel in diesel, jet fuel, heating oil, and kerosene

This field test will detect biodiesel in diesel fuel. Depending on test factors, the detection limits are between 1% and 3% biodiesel, with percentages above 3% routinely and clearly identified. The presence of biodiesel may be important in diagnosing engine problems or as part of a fuel management program. Biodiesel is an excellent fuel, but it may not be desired in stand-by generators and other applications.

Note: This test is not meant to replace analytical lab testing by infra-red spectrometry, but is an inexpensive field test that can aid in fuel diagnosis by providing immediate results to the user.

INSTRUCTIONS

1. Fill one test bottle to the shoulder with your fuel sample. The bottle will already contain a small amount of blue liquid, so just add your fuel on top of this liquid.
2. Tighten cap and look through the bottle and fuel sample, turning the bottle so you can see the "Pass" label. Notice that you can read the "Pass" label clearly through the fuel.
3. Make sure cap is tight, and shake vigorously for five full seconds.
4. Wait 5 minutes, leaving bottle undisturbed. Do not wait longer than 10 minutes before reading results.
5. Look through the fuel sample at the "Pass" label.

READING RESULTS

No Biodiesel is present: If the fuel is relatively clear and you can read the "Pass" label, your fuel does not likely contain biodiesel.

Biodiesel is present: If the fuel is cloudy and you cannot read the "Pass" label, your fuel likely contains biodiesel.