

**Biodiesel Field Test
Instructions**



**Test No. FT-0120
Acid Number Field Test**

Acid Number Test Instructions

1. Obtain biodiesel sample from tank or filler nozzle. Information on sampling procedures and equipment are available at <http://www.fleetbiodiesel.com>.
2. Fill the Test Kit bottle to the shoulder with the fuel taken in Step 1.
3. Replace the Test Kit bottle cap and tighten it securely.
4. Shake the Test Kit bottle **vigorously** for 30 seconds.
5. Interpret and record the results.

Interpreting results

If the contents of the sample bottle turn yellow, you have an acid number that exceeds the threshold of the kit. This may indicate fuel degradation, and further testing is recommended before using the fuel. If the sample remains pink/purple, then your sample has an acid number that is lower than the threshold of the kit. **Pink/purple color indicates that the fuel passes the test.**



Background Information

The Fleet Biodiesel Field Test Kits are intended to provide a rapid, easy, and effective method to test Biodiesel fuel and Biodiesel fuel blends (e.g. B5, B20) for basic quality. They are THRESHOLD detector kits and do not provide a quantitative (numerical) result. These tests indicate when a key indicator has reached a level where the fuel itself is very likely to be out-of-spec and requires further testing. The threshold levels (good vs. questionable fuel) are modeled on the ASTM D6751 quality standards, but their levels of sensitivity are not sufficient to assure either a pass or fail for these quantitative tests.

Disclaimer and Warranty

All Fleet Biodiesel Field Test and Lab Tests are offered only as general indicators of fuel quality. All commercial tests – even analytical tests performed according to ASTM specifications – are subject to error due to sampling techniques, unique fuel attributes, and statistical anomaly. Failed test should be verified by repetition or more detailed analytical testing. Fleet Biodiesel warrants that the test kits provided are modeled after industry best-practices and existing ASTM standards. No other warranties, either expressed or implied, are made regarding the accuracy of the tests or the quality of fuel that is tested.