

Mobile Lab by Schroeder BIOfuels

Water and Visual Clarity • Percent Biodiesel • Microbial Contamination
Total Glycerin • Acid Number

Simple, Cost-Effective On-Site Fuel Testing

Schroeder Biofuels takes the guess work out of fuel quality verification with our family of easy-to-use test kits that measure biodiesel fuel quality and biodiesel fraction (percent biodiesel). Based upon widely recognized ASTM standards and Engine Manufacturers Association (EMA) recommendations, these tests are simple enough to be performed by anyone. The results are easy to read and are available in minutes. When used on a regular basis as part of your organization's fuel quality assurance program, these tests can identify fuel-related problems before they impact your fleet!

Biodiesel Quality Changes

Biodiesel is the most cost-effective and easy-to-implement alternative fuel that reduces the harmful emissions of diesel vehicles. Derived from natural oils and fats, yet completely compatible with petrodiesel engines and fuel, biodiesel allows fleet managers to preserve their investment in fuel-efficient diesel vehicles by seamlessly introducing it into their fuel supply. However, the very characteristics that make biodiesel an excellent alternative fuel also make it susceptible to chemical and biological degradation. In short, biodiesel fuel quality can change from the moment it leaves the fuel producer to the point that it is injected into your vehicle engines.

Field Test Kits for Biodiesel Fuel

BMLTK-H20VC12 Water and Visual Appearance

Visual clarity and water detection for diesel/biodiesel fuel

BMLTK-MIC6 Microbial Test (6 Tests)

Detection kit for bacterial and fungal contamination

BMLTK-AN.BB12 Acid Number for Biodiesel Blends

Tests for acid number in excess of 0.3mgKOH/g fuel

BMLTK-AN.B10012 Acid Number for B100 Biodiesel

Tests for acid number in excess of 0.5mgKOH/g fuel

BMLTK-B112 BioDiesel Detector

Tests for BioDiesel fraction in excess of 1% (B1)

BMLTK-B512 Percent Biodiesel for B5

Tests for biodiesel fraction in excess of 10% (B10)

BMLTK-B2012 Percent Biodiesel for B20

Tests for biodiesel fraction in excess of 30% (B30)

BMLTK-TG6 Total Glycerin (6 Tests)

Tests for presence of glycerin in B100 and blends



Verify Biodiesel Quality On-The-Spot

Using biodiesel fuel does not mean putting your fleet at risk. Simple and inexpensive precautions can virtually eliminate potential adverse effects related to inconsistent fuel quality. Since fuel characteristics change over time, a consistent quality assurance (testing) program is needed to detect changes before they become a problem. To be effective, this testing needs to happen at the point of use (i.e., at the fleet fueling station).

Schroeder Biofuels provides you with the tools you need to verify fuel quality wherever it is being used. Whether you are a high-volume biodiesel distributor or a fleet manager using biodiesel to reduce environmental impact, our test kits measure the key indicators of fuel quality on the spot. Results are available immediately - not after the 3 to 14 days required for lab testing.

Schroeder BIOfuels
Filtration Solutions for Renewable Energy Sources

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