

HY-LiTE[®]

FQS Fuel System ATP Test

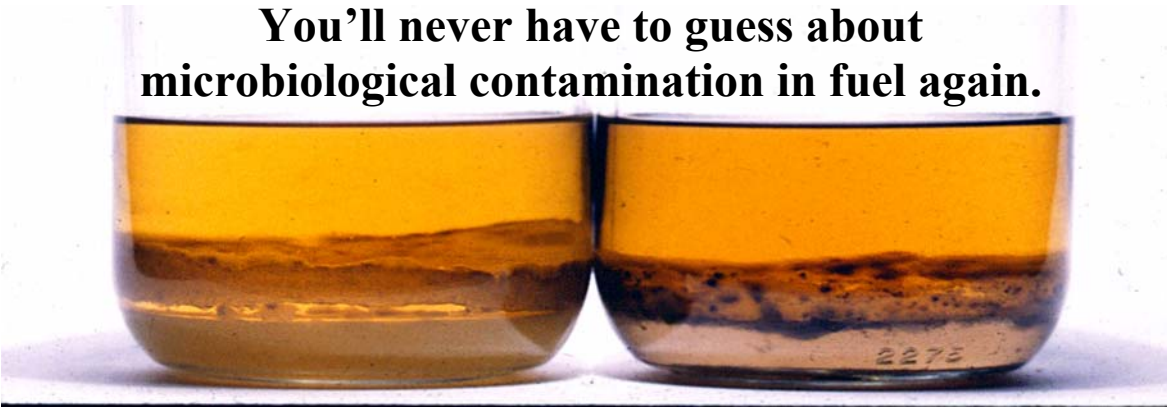
For rapid detection of microbiological contamination in fuel and fuel storage and distribution systems



FQS

Fuel Quality Services, Inc.

You'll never have to guess about microbiological contamination in fuel again.



Microbiological contamination in fuel and fuel systems can lead to unnecessary maintenance, operational problems (e.g. clogging of fuel filters/fuel lines, corrosion of tank linings/walls) as well as compromising the fuel quality.

Good “housekeeping” including regular draining of water from the fuel system will reduce the risk of heavy contamination level. FQS recommends testing all tanks for microbiological contamination at least twice a year and more frequently for high risk operations located in tropical climate areas, afterwards, treating of any contaminated fuel tanks with Kathon[®] FP 1.5 biocide as necessary.

Most traditional methods for testing for microbiological contamination take days to get a result, but with the new HY-LiTE[®] FQS Fuel Test, you can get an indication of the total microbiological activity in fuel, water or mixed fuel/water sample in less than 10 minutes.

With continuing demand for improved efficiency and cost reductions coupled with rising fuel prices, this new test can help you to minimize downtime and maximize fuel economy . . . not to mention contribute to the safety and happiness of your customers and employees.

The HY-LiTE[®] FQS Fuel Test

The HY-LiTE[®] FQS Fuel Test can be used for microbial testing in a variety of fuels such as diesel, gasoline, jet fuel and biodiesel. The test is simple to perform and can be done without access to laboratory facilities or trained laboratory technicians, and there is no need for special microbiological waste disposal.

The HY-LiTE[®] FQS Fuel Test will detect the presence of aerobic and anaerobic microorganisms, some of which are not always detected by traditional growth-based methods.

The test results are not affected by the presence of di-EGME (FSII) or approved levels of Kathon[®] FP 1.5 biocide (100 ppm Kathon[®] FP 1.5).

The faster the results the quicker you can decide what actions are necessary.



The HY-LiTE[®] FQS Fuel Test



HY-LiTE[®] system and tests:



1
2
- Collect fuel sample (1 litre)
- Collect blue Capture Solution from sample tube w small pipette



3
Add Capture Solution to the fuel sample



4
Shake vigorously for 10 seconds



5
Stand for 5 minutes



6
Retrieve Capture Solution (the blue aqueous phase) with large pipette



7
Transfer Capture Solution back to sample tube



8
Remove Pen from sample tube



9
Dip white stick into sample



10
Carefully remove the sampling stick from sample



11
Press the white stick vertically into the pen cuvette



12
Press down and twist upper part clockwise



13
Shake the pen vigorously 10 times (up and down)



14
Immediately insert pen and close lid for measurement

Note:

1. Don't use gloves while performing test, static charge can be developed affecting equipment.
2. Don't use glass containers to store fuel, use only plastic containers. Static charge can build causing fire and/or explosion.

Fuel samples only steps 1 – 14 apply.

Water samples and fuel/water samples only steps 9 – 14 apply.

Biodiesel and ethanol fuels only steps 9-14 apply.

Ordering Information:

Stock No.	Product
FQS-046	HY-LiTE [®] 2 Instrument*. The unit is built with built-in printer, main power supply unit (with worldwide adapters), 1 set of batteries, PC software and cable, certificates for QC, English manual (other languages on request), and shoulder bag.
FQS-047	HY-LiTE [®] 2 FQS Fuel Test Kit. Kit includes 20 fuel test pens, 2 x 20 pipettes, package insert, and picture step-by-step guide.
FQS-048	Recommended 1-litre sampling bottle
FQS-007	Fuel Tank Sampling Kit. Kit includes supplies equipment needed to collect fuel samples for testing.

*TUV, CE, CUL, GS Certified

We provide information and advice to our customers to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking the suitability of our products for the envisaged purpose.

For additional information, please contact:



Fuel Quality Services, Inc
P.O. Box 1380
Flowery Branch, GA 30542 USA

Telephone: 800-827-9790

770-967-9790

Fax: 770-967-9982

Email: sales@fqsinc.com

Technical: eenglish@fqsinc.com

Website: www.fqsinc.com