

NEW

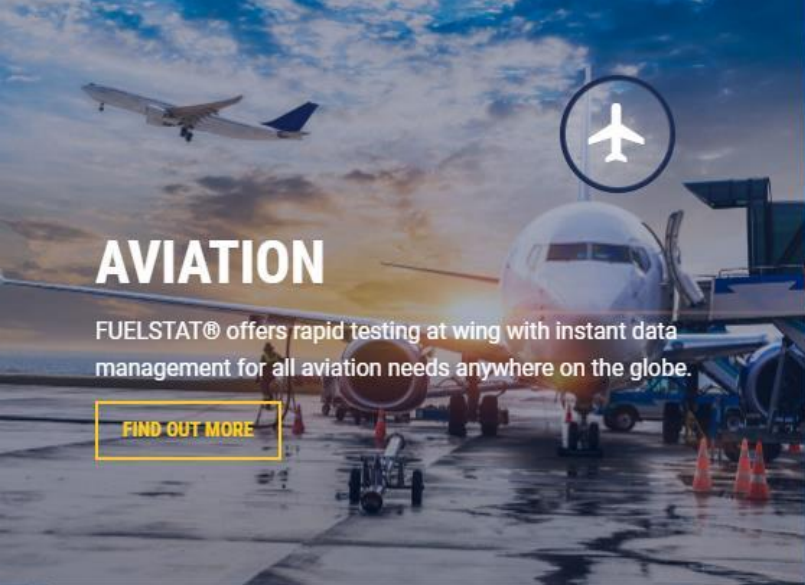


25
YEARS
FUELSTAT®
:ConidiaBioscience

FUELSTAT[®]One

The innovative 20-minute solution for testing microbial contamination in fuel

:ConidiaBioscience



AVIATION

FUELSTAT® offers rapid testing at wing with instant data management for all aviation needs anywhere on the globe.

[FIND OUT MORE](#)



MARINE & OFFSHORE

FUELSTAT® provides the ability to protect Marine Gas Oil (MGO) and vital equipment both in port or at sea, 24/7, 365.

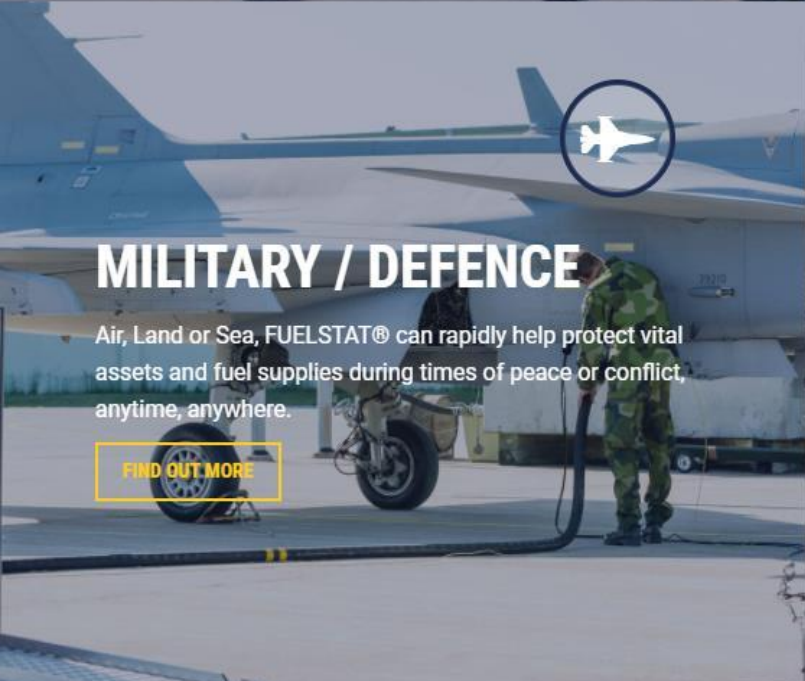
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TRANSPORTATION

Using or transporting, jet or diesel fuel? FUELSTAT® can help reduce the potential for transferring Microbial contamination from one asset to another.

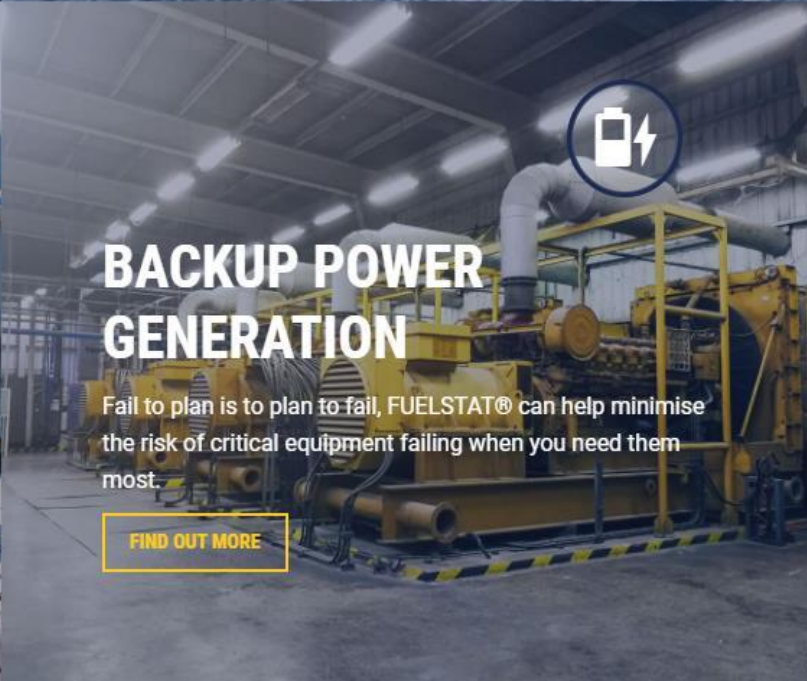
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MILITARY / DEFENCE

Air, Land or Sea, FUELSTAT® can rapidly help protect vital assets and fuel supplies during times of peace or conflict, anytime, anywhere.

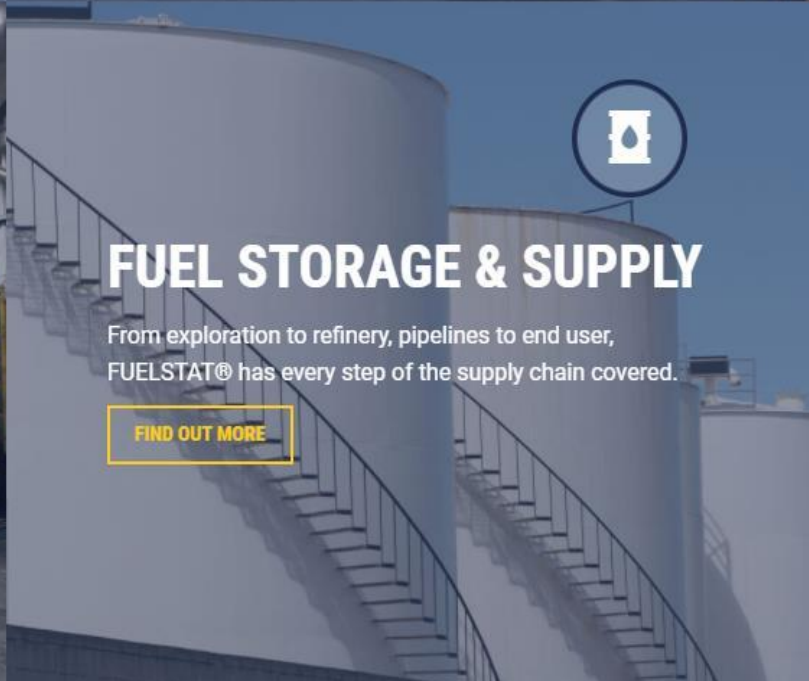
[FIND OUT MORE](#)



BACKUP POWER GENERATION

Fail to plan is to plan to fail, FUELSTAT® can help minimise the risk of critical equipment failing when you need them most.

[FIND OUT MORE](#)



FUEL STORAGE & SUPPLY

From exploration to refinery, pipelines to end user, FUELSTAT® has every step of the supply chain covered.

[FIND OUT MORE](#)



TRIED AND TRUSTED GLOBALLY



Unique innovative solutions leads to huge growth of FUELSTAT® test kits

FUELSTAT® Protected

tests sold up to
135,000
per annum

over
130
Countries globally

more than
400
airlines

more than
10
major oil companies

FUELSTAT® Saved

cost reduction, less effort, less time
50%
savings

labour hours saved
+ 1,000,000

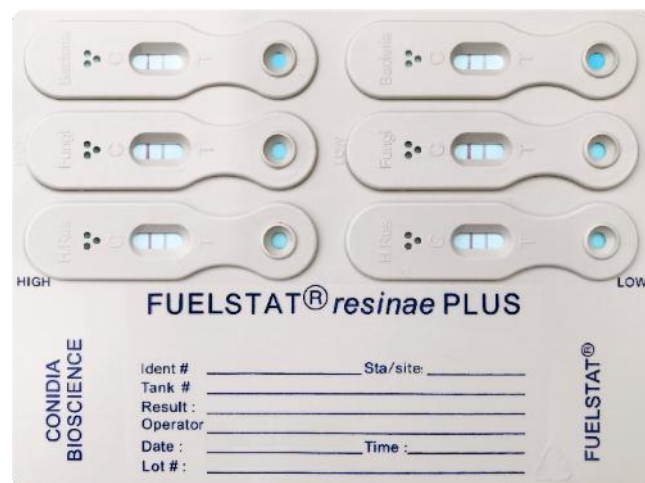
25 YEARS OF FUEL TEST KIT INNOVATION

FUELSTAT®

DISCONTINUED



FUELSTAT^{Plus}



- Original test detects only Hormoconis Resinae (“Jet Fuel Fungus / Diesel Bug”)
- Competitive lateral flow test
- Adds additional Fungi & Bacteria species to the test
- Competitive lateral flow test

NEW

FUELSTAT^{One}

- Detects a broad range of Microbial Contamination
- Sandwich lateral flow test

A TESTING SOLUTION FOR THE FUEL SUPPLY CHAIN

FUELSTAT[®]
:ConidiaBioscience



FUELSTAT test kits are designed as an on the spot, immediate testing solution for fuel storage, supply and under wing tank

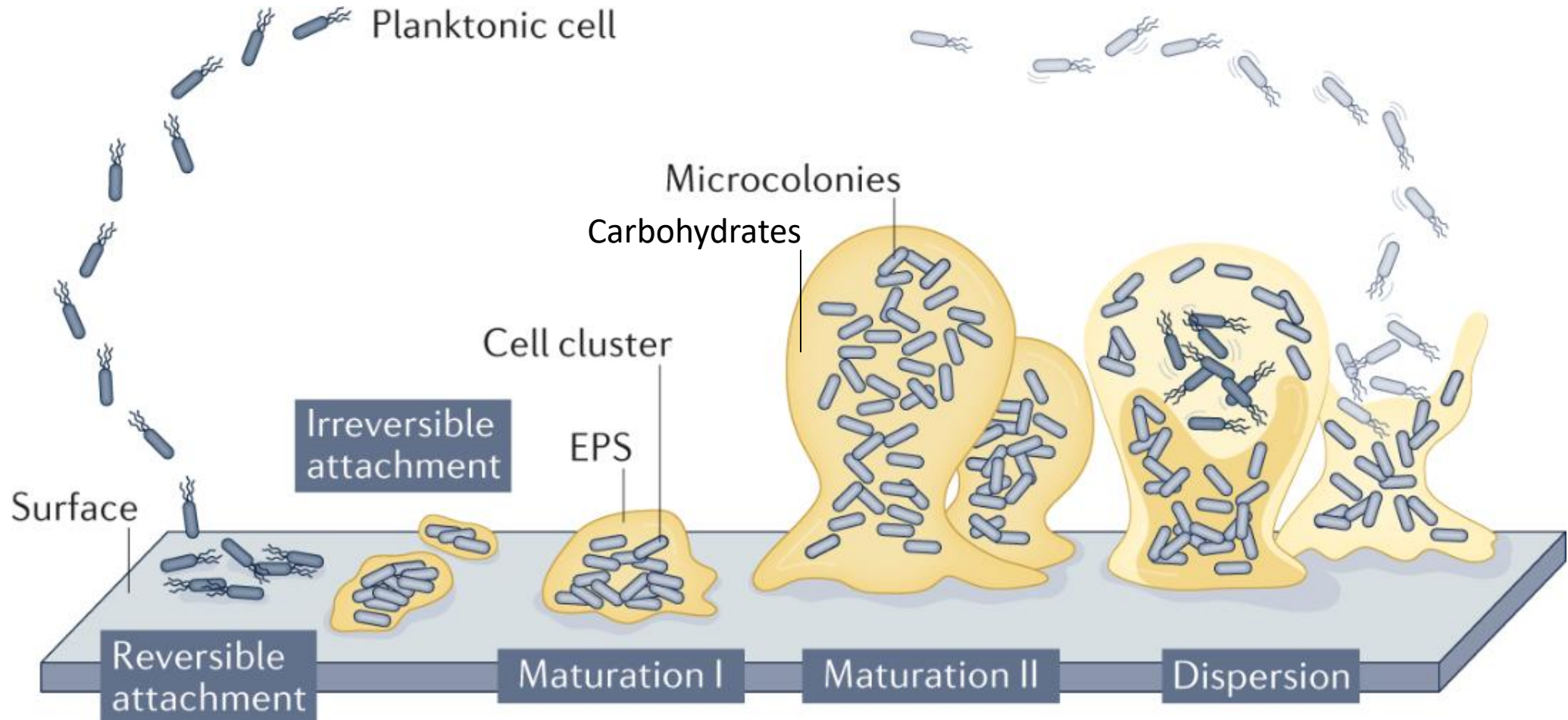
MICROBIAL CONTAMINATION

Microbial contamination causes massive unplanned costs and disruption

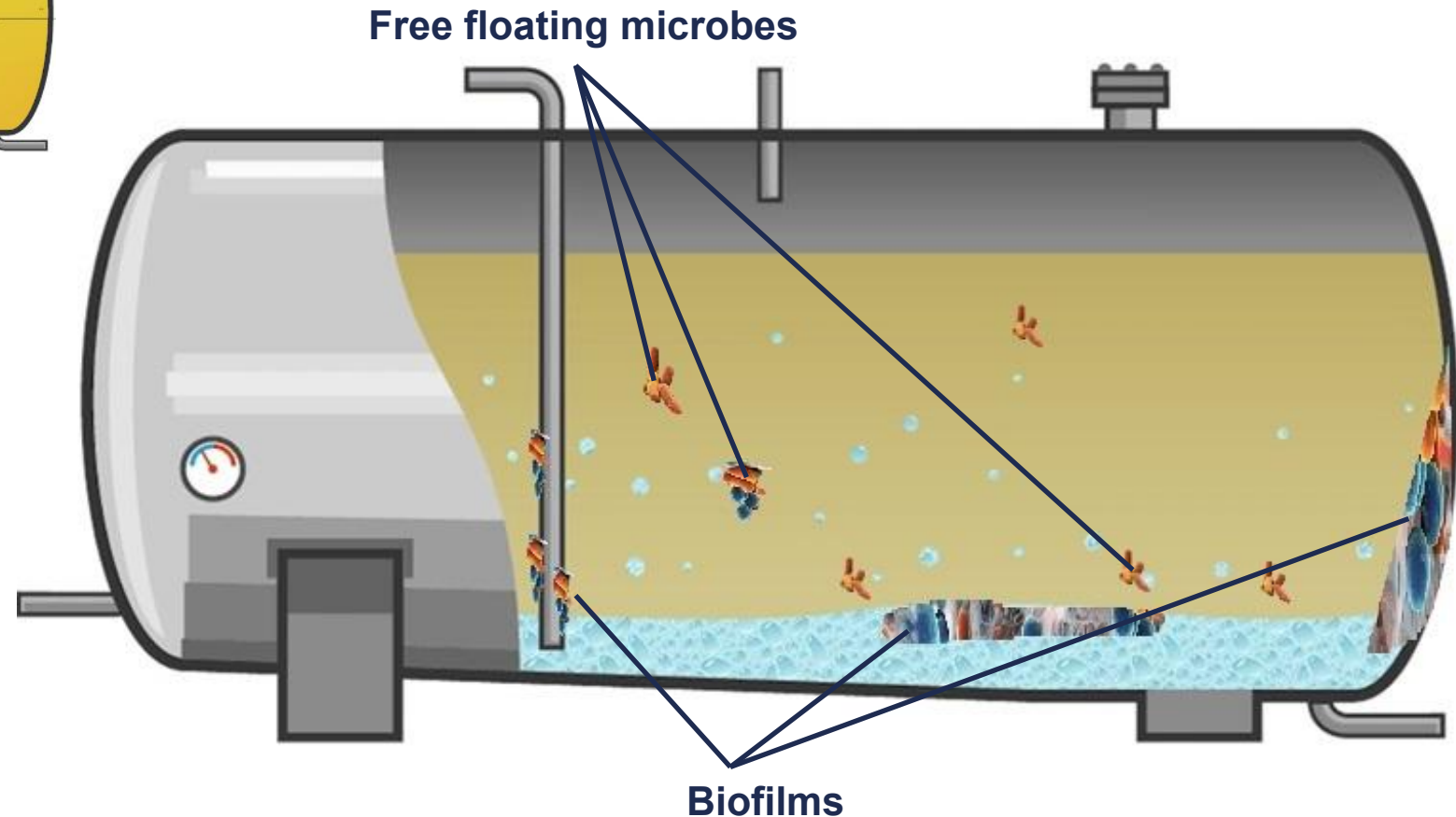
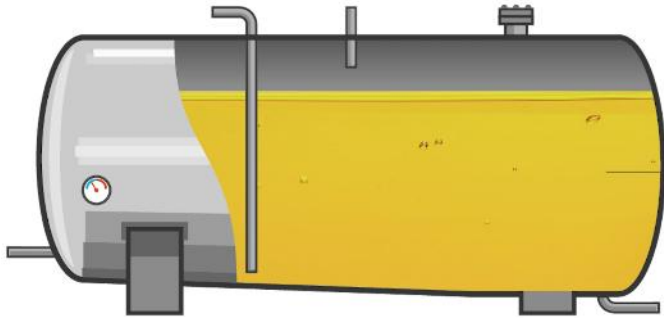
- Catastrophic effects such as blocked fuel systems, damaged fuel probes and corroded tanks
- Repair and replacement costs can be \$millions if left to develop. Disruption to use of assets can cause substantial operational problems
- Potential safety of life and environmental impacts mean considerable risk to any fuel user or supplier



LIFE CYCLE OF BIOFILMS

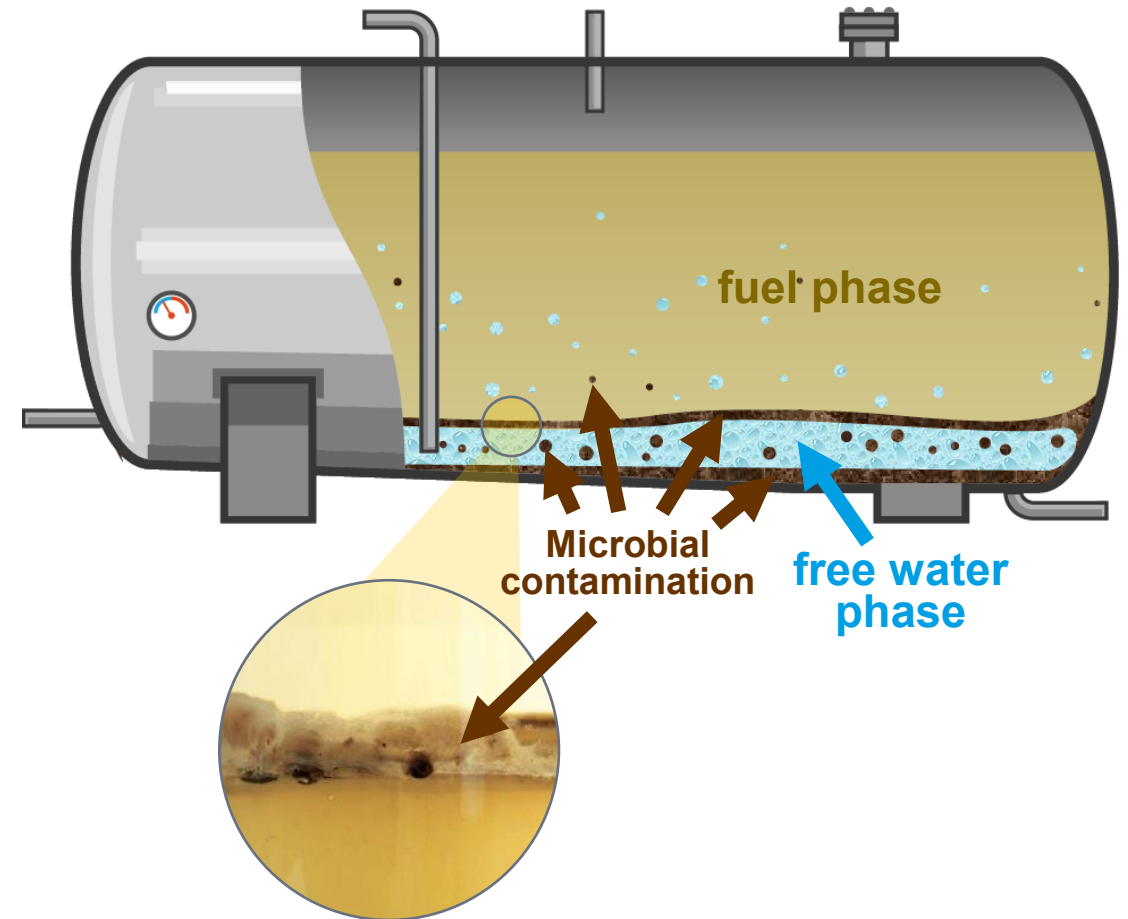


HOW DOES MICROBIAL CONTAMINATION OF FUEL HAPPEN?



WHERE IS MICROBIAL CONTAMINATION?

- Organisms live predominantly in the water phase and feed off the fuel. They will be found in differing concentrations in a fuel sample and water sample
- FUELSTAT® One test kits can be used to detect microbial contamination in both **free water phase** and **fuel phase** samples



NEW

FUELSTAT[®]One

FUELSTAT[®]
:ConidiaBioscience



- Lowest **total cost to result** of any test on the market
- **NEW** solution provides instant **quantitative results**
- The **ONLY** true on-site test that gives dependable results even in the dirtiest of conditions

Test with FUELSTAT[®] One right here, right now!

FUELSTAT[®] One sets new standards in microbial contamination protection. This new technological solution outperforms other testing methods in terms of speed & simplicity.

- The ultra-simple test that just requires **4 drops** of extracted sample
- **20 minutes** to result as opposed to 4-7 days!
- ‘**Test at the tank**’ technology - no laboratory required
- No requirement for additional **equipment** or **sterility measures**
- Instant **quantitative test results**, conducive to implement a condition monitoring maintenance program





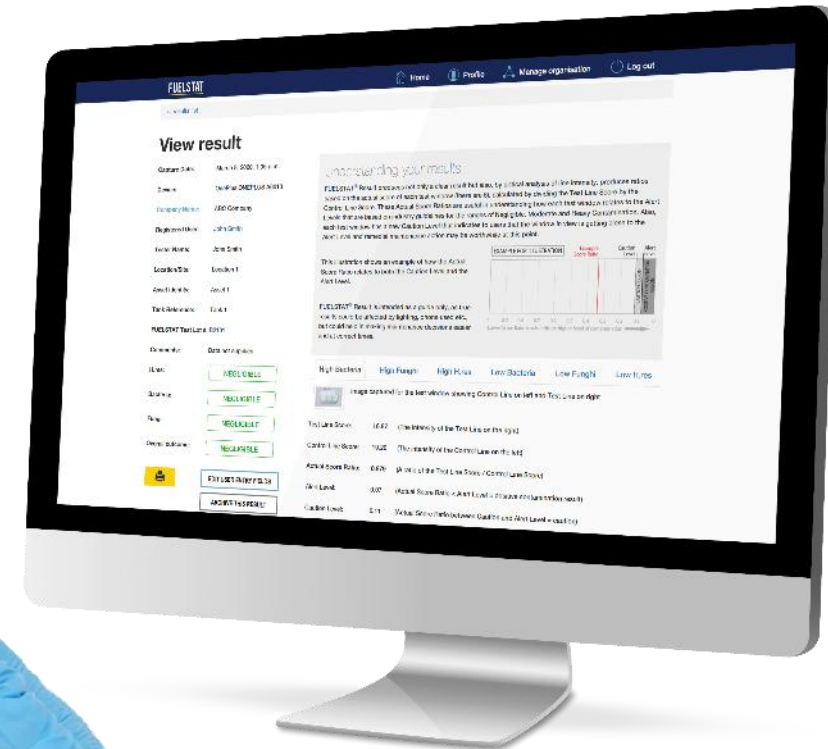
ASTM D6469 – 14, Standard Guide for Microbial Contamination in Fuels and Fuel Systems section 8.5 which states:

*8.5 Samples for Microbiological testing should be **kept on ice** for transport to the laboratory. Tests should be performed within 4 hrs and **no later than 24 hrs** after sampling. Samples stored at higher temperatures, or for longer times, can show the presence of microbial contamination that does not represent actual fuel system conditions.*

- ✓ FUELSTAT[®] *One* is a ‘**test at the tank**’ test, so no need to transport any fuel
- ✓ Tests can be completed within **20-30 mins** of taking fuel sample



- The NEW 20-minute solution for testing microbial contamination in fuel
- **As simple as 1-2-3**
Test. Result. Report.



- Market leading **FUELSTAT[®]** just got even better



Free to download app Gives instant results

- The easy-to-use app that gives **immediate** result and PDF report
- **Reduces risk** of misinterpretation
- No need for additional equipment other than a smartphone



Total control of testing with FUELSTAT[®] Report

- Traceability of compliance centrally
- Excel format. All microbial testing data on one spreadsheet
- Fully **detailed report** can be instantly produced in PDF format
- Identification of hotspots and trend analysis
- Planning of correct testing program

FUELSTAT^{One}
ANALYSIS REPORT
:ConidiaBioscience

This test for microbiological contamination was conducted on a fuel sample using the FUELSTAT[®] One test kit and the results reported below were read using the FUELSTAT[®] Result app.

REGISTERED USER

Registered User:	Joe Bloggs	Address:	Bakeham Lane Egham
Company name:	ABC Company Ltd	Post code:	N/A
Customer reference:	101	Country:	United Kingdom

TEST DATA

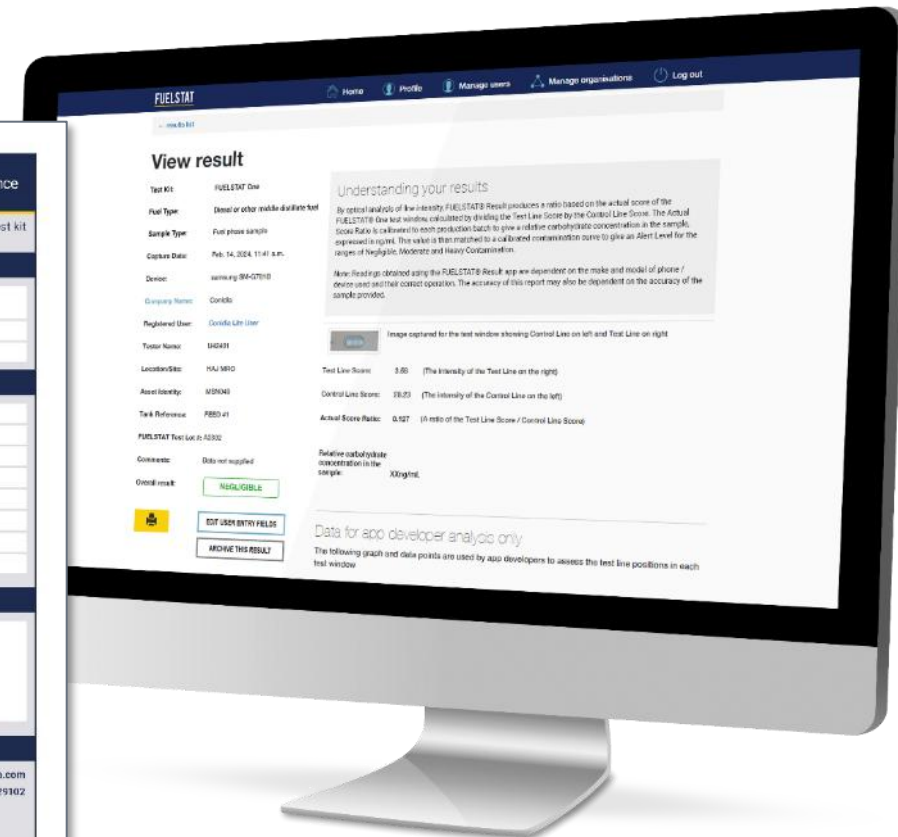
Fuel Type:	Diesel or other middle distillate fuel	FUELSTAT result #:	18,278
Sample Type:	Free water phase sample	FUELSTAT Test Lot #:	L2400
Tester name:	No entry by tester	Test date:	05-NOV-2020
Location/Site:	No entry by tester	Printout date:	05-NOV-2020
Asset Identity:	No entry by tester	Phone make:	OnePlus
Tank Reference:	No entry by tester	Phone model #:	ONEPLUS A6013
GPS location:	25°15'14.2"N 55°22'52.5"E	App version:	1.3.3
		Portal version:	

TEST RESULT CONTAMINATION ALERT LEVEL	NOTES
OVERALL RESULT: NEGLECTIBLE CONTAMINATION Relative carbohydrate concentration in the sample: XX ng/mL	

DISCLAIMER FUELSTAT [®] Result app is designed for use with FUELSTAT [®] lateral flow tests. Readings obtained using the FUELSTAT [®] Result app are dependent on the make and model of phone / device used and their correct operation. The accuracy of this report may also be dependent on the accuracy of the sample provided.	CONTACT Full terms of use available on the website: www.conidia.com For any technical assistance telephone: +44 (0)1491 829102
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THE FUELSTAT[®] SOLUTION

As simple as 1-2-3
Test. Result. Report.



FUELSTAT[®]Result

- Reduces risk of misinterpretation
- Immediate result, both as contamination level and quantitative value
- No need for additional equipment other than a smartphone



FUELSTAT[®]One

- Accurate results anywhere, carried out by anyone, and learned in minutes
- Immediate decisions can be made without delay
- Quantitative results within 20 minutes



FUELSTAT[®]Report

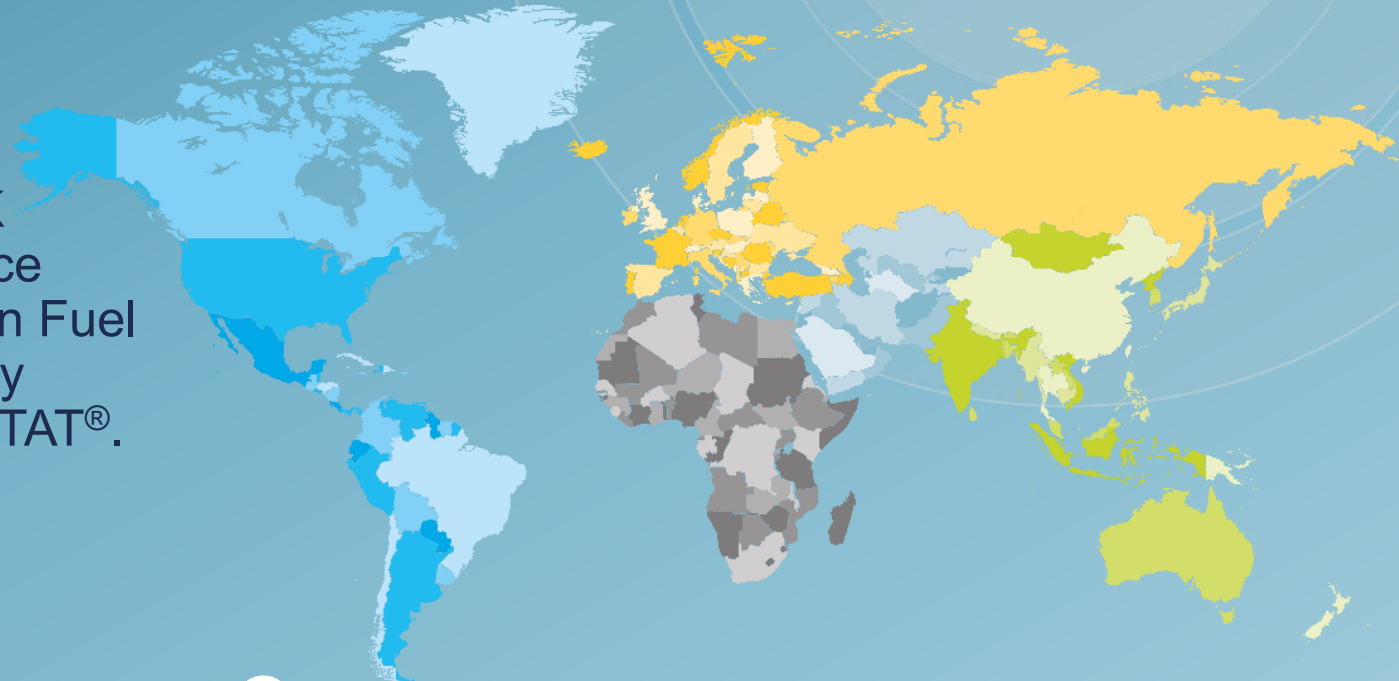
- Traceability of testing
- Identification of hotspots for planning
- Proof of test, proof of result, proof of method

Who we are:

FUELSTAT[®] fuel tests are developed, manufactured and marketed by Conidia Bioscience Ltd. With headquarters in UK and sales office in US, Conidia Bioscience was founded in early 2000's by experts in Fuel Microbiology and holds the internationally patented intellectual property for FUELSTAT[®].

Where to find us:

FUELSTAT[®] is distributed globally by a network of specialist distributors covering the major sectors. Contact info@conidia.com who will arrange for a distributor to support you.



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www.conidia.com



QUESTIONS?



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