

DETECTING MICROBIAL CONTAMINATION IN FUEL



Strategic
Partner

THE PROBLEM

Microbes thrive wherever there is food and water. Poorly maintained aviation fuel systems are therefore an ideal environment for bacteria, yeasts and moulds. Micro-organisms which grow unchecked can block scavenge systems and fuel filters, cause FQIS gauging errors and are corrosive enough to damage aircraft tank structures.



THE TEST

All you need is 10 minutes, a flat clean surface, a pair of gloves and a 200 ml tank sample to discover which organisms are living within your fuel system. The easy to interpret, pregnancy style test gives a negligible, low or high reading which corresponds to the limits laid down in the IATA guidance material. This clearly indicates the aircraft's fuel system status and what action, if any, to take.



FUELSTAT® resinae PLUS – The IATA recommended test kit offering accurate, on-site detection in just 10 minutes. Detects and reports bacteria, moulds, yeasts and H.res.

THE SOLUTION

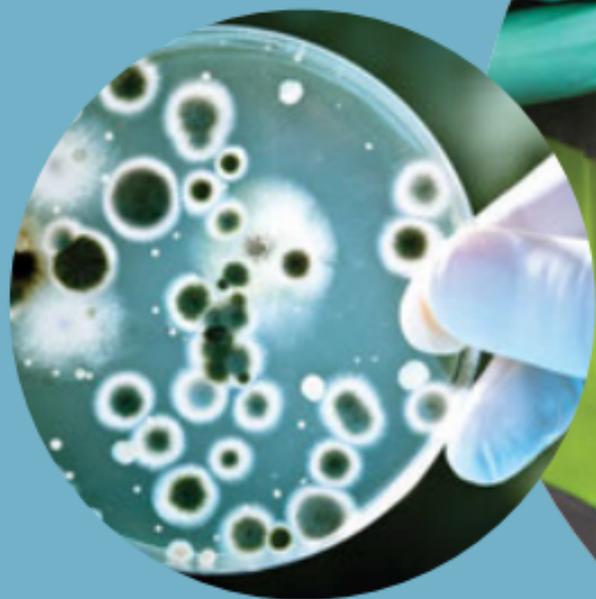
There is no magic bullet to eliminate the problem. A multi-disciplinary approach to fuel hygiene is the key to avoiding the inconvenience and cost of a contaminated tank and associated aircraft down time.

Good maintenance practices will help reduce the risk of microbiological contamination. Regular water drain checks and at least an annual test of the fuel tank for microbial contamination are considered the industry minimum standard.

THE SOLUTION CONTINUED...

Moderate levels of contamination require the use of an approved biocide. Heavy levels of contamination require the tank to be emptied, cleaned and a biocide applied.

While the relevant, to type, AMM will be the first reference publication, Conidia's team of experienced scientists and engineers can help to assess both the history and symptoms of your fuel system problems.



High

FUELSTAT® *resinae* PLU

CONIDIA
BIOSCIENCE

Ident # _____ Sta/site: _____
Tank # _____
Result : _____
Operator _____
Date : _____ Time : _____
Lot # : _____

**FOR MORE INFORMATION
VISIT WWW.CONIDIA.COM**

CONIDIA BIOSCIENCE LTD

Bakeham Lane, Egham, Surrey TW20 9TY, UK

Tel: +44 (0) 1491 829 102

email: info@conidia.com

www.conidia.com

Registered in England at: 3 Acorn Business Centre, Northarbour Road, Cosham, Portsmouth,
PO6 3TG. Registration Number: 03965471 Innovative Microbial Fuel Testing