

PETRO INDUSTRIAL

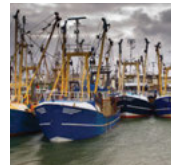


www.petroind.com

FUELSTAT®

INNOVATIVE MICROBIAL FUEL TESTING





TIME TO REVIEW FUEL QUALITY MANAGEMENT?

GONE ARE THE DAYS WHEN FUEL TOOK CARE OF ITSELF

Changes to EU fuel specifications coupled with shortages of supply are set to increase further the risks for vessel operators in 2015.

Adapting vessels and operating procedures to comply with the requirement for lower sulphur levels has been demanding enough without the additional challenge of supply interruptions. Upcoming shortages of 2015 spec MGO are bound to impact pricing as well as availability, forcing operators to consider in-house sulphur abatement measures or even burning diesel, which may be more available.

Be aware of the Diesel Bug and potentially reduce your future operational costs.

There are also engineering implications of further reducing sulphur content. As well as being a lubricity improver, sulphur may inhibit microbial growth, commonly known as the Diesel Bug. These harmful organisms block filters and increase injector wear, and if left unchecked can corrode tanks. The operational costs can be phenomenal.

What can vessel operators do to reduce risk?

Draining water and testing regularly for contamination is a great start.



FUELSTAT[®], a rapid test manufactured by leading fuel testing technology company Conidia Bioscience, detects damaging levels of microbiological contamination in just 10 minutes. FUELSTAT[®], recommended by IATA, is effective in aviation and diesel fuels. The test is trusted, globally, by over 400 airlines and aircraft MROs to protect their operations.

The Conidia team have the knowledge, skills and impartiality to assist operators in designing just the right combination of testing and remediation strategies to keep vessels moving.

Stay In Control with FUELSTAT[®]



FUELSTAT®

BENEFITS, CREDENTIALS, APPLICATIONS & USAGE

Product Benefits	More Detail
Fast	Test and read in 10 minutes; easy to read & interpret results
Easy to Test	5 steps – Add sample to bottle (15ml of water or 150ml of fuel/water), shake, invert, drop blue fluid onto paddle, wait 10 minutes
Easy to read	Just 12 lines to read – 6 control and 6 test lines – lines are good
Accurate	Established pregnancy-style technology
Action Centred	Green – all clear Amber – monitor with FUELSTAT® or other reputable microbial test Red – take remedial action
Cost Effective	Know how and when to treat your tank and fuel

Product Credentials	More Detail
Aviation Pedigree	IATA recommended, 380+ airline customers, listed in all major aircraft manufacturer manuals inc Boeing, Airbus, Embraer etc
Scientific Credentials	Patented technology, invented in the UK by one of 4 world authorities on fuel. Backed by ISO 17025 accredited lab team.
Part of FUELSTAT® family	R&D pipeline continues – SRB Test launch planned for 2016

Product Applications and Usage	More Detail
Marine and Genset Applications	Where fuel is either in static storage and/or subject to close proximity with water
For testing samples taken from the pre-engine filter	Samples should preferentially include the water phase
Optimally use where operational problems suggest contamination	Look for presence of water, leopard spotting or blocking of filters, worn injectors etc

PETRO Contact Information

AFRICA

South Africa

Factory 1 - 16 Bentonite Street
Alrode, Alberton, Johannesburg
South Africa
P: +27 (0)11 864 7758
F: +27 (0) 11 864 1649
E: sales@petroindustrial.co.za

AUSTRALIA

Eastern Australia

Factory 2, 106 Potassium Street
PO Box 407
Narangba QLD 4504
P: 07 3204 9558
F: 07 3293 4852
E: sales@petroindustrial.com.au

UAE

Dubai

Office LB17330, Lobby Building 17
Jebel Ali Free Zone
PO Box 18602
Dubai, United Arab Emirates
P: +971 488 76688
F: +971 488 76932
E: salesuae@petroind.com

Western Australia

2 Competition Way
Wangara WA 6065
P: 08 6305 0855
F: 08 6305 0319
E: sales@petroindustrial.com.au



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