

INTERNATIONAL BIODETERIORATION RESEARCH GROUP

Functional Fluids Project Group: Annual Report 2012

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The FF Project Group met once in 2012. 17 participants attended a meeting in April in Prague, Czech Republic.

The work of the group in 2012 on improving IBRG test method: "*A Method for the Evaluation of Biocidal Compounds in Aqueous-Based Metalworking Fluids*". It was decided to focus on the work with filamentous fungi (moulds) and unicellular fungi (yeast). Both types of fungi were prepared in one inoculum. The coloured yeast would allow determining the number of colony forming yeast units among colonies forming from spores or mycelium fragments of filamentous fungi. At the end of the experiments the metalworking fluids were to be filtered to determine the dry weight of the residues in the filter. The organisms were to be tested in untreated metal working fluid as well as in fluids treated with high and low biocide concentrations. A ring test with 7 participants was set-up. 2 of the participating laboratories are new to the test protocol and the working group hopes to get further input from these laboratories on how to clarify the text of the method further.

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