

## **INTERNATIONAL BIODETERIORATION RESEARCH GROUP**

### **Functional Fluids (FF) Project Group: Annual Report 2016**

**Report No: IBRG FFG17-003**

**Date: 26<sup>th</sup> April 2017**

The FF Project Group met twice in the 2016 period. Seventeen participants attended a meeting in April in Athens, Greece, and nineteen participants attended in October in Prague, Czech Republic.

The work of the group in 2016 was focused on the initial development of a standard test method for textile spin finishes. In order to develop relevant inocula, for the spin finishes test, organisms have been isolated from several contaminated examples of spin finish, identified and put into long term storage by two member organisations of the IBRG.

Following the microbiological examination of the contaminated samples, model spin finish formulations have been proposed and supplied, by a member of the IBRG from the textile industry. Initial tests have been performed to determine the susceptibility of these model formulations to contamination by the microbial isolates by another member of the IBRG. For the next stage it is planned to identify soiling agents and aging conditions.

The finalized standard test method " A Method for Determining the Basic Efficacy of Biocidal Active Substances used in Aqueous-Based Metalworking Fluids for their Protection in Use" was reviewed and the statistical section altered, and clarified (version 001.5).

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