Read me file: University of Southampton – FEE – RJK Wood – [r.wood@soton.ac.uk](mailto:r.wood@soton.ac.uk)

The excel file contains experimental data for the paper.

In particular:

Figure. 12. Average dynamic coefficient of friction for alumina sliding on NES747 NAB lubricated by 3.5%NaCl solution for various applied loads and frequencies

Figure. 13. Average tribocorrosion current for alumina sliding on NES 747 NAB lubricated by 3.5%NaCl solution for various applied loads and frequencies. A nominal average current plotted from equation (2) (solid blue line) shows the slope expected for non-passivated surfaces

Figure. 14. Total volume loss for alumina sliding on NES747 NAB lubricated by 3%NaCl solution for various applied loads and frequencies

Figure. 15. Specific wear rate for alumina sliding on NES747 NAB lubricated by 3.5%NaCl solution for various applied loads and frequencies

Figure. 27. Extended S/C versus E/C map after Wood and Hutton

Figure. 28. Mass Loss data for the Mass Loss verses cumulative exposure time for both composites for different gaps

Figure. 29. Plot of Erosion Rate against Cumulative exposure time for the composites at differing intensities

Figure. 30. Mass Loss at 1mm for 10 minutes whilst examining the incubation period of an E-glass sample. There is clearly acceleration in the mass loss which can be attributed to the initial resin removal

Date of data collection: from 2013 - 2016

Information about geographic location of data collection: University of Southampton, U.K.

Date that the file was created: Jan 2017