
Future Scope

Tribological behaviour of C/C and C/C-SiC composites were investigated in this work under dry, brake oil and freezing environments. As C/C and C/C-SiC composites have to pass through several environmental conditions such as wetness, salt fog and extreme temperature, following investigations can be carried out in future for self and complementary mated pair so that best friction couple can be used for a particular application.

1. Investigating the tribological behaviour after treating the composites with acidic solution to meet the salt fog conditions.
 2. Investigating the tribological behaviour after exposing the composites to blue flame to meet the extreme temperature conditions.
 3. Mechanical properties of C/C and C/C-SiC composites need to be investigated also under different environments to investigate their service life under various environments.
 4. Developing a mathematical model for the friction coefficient of fibre reinforced composites against multiphase materials.
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