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# Wear characteristics of sintered Cu-Sn/graphite lubricants composites



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
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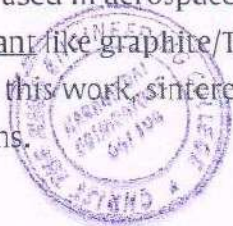
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## Abstract

The incorporation of finely dispersed particles in a metal matrix by a suitable process led to new generation composite that enables the production of large range of composites with unique properties. Copper based sintered composites produced by powder metallurgy processes are now widely used in engineering parts such as bearings and bushes. This kind of bearings used in aerospace industries. Composites based on copper tin alloys containing a solid lubricant like graphite/Tungsten disulfide/PTFE has been developed as self-lubricating material. In this work, sintered Cu-Sn-Graphite composite were prepared with various compositions.



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