

Review of: "Investigating the Mechanical and Tribological Effects of MoS₂ Reinforcement in AZ91 Magnesium Alloy: A Comprehensive Experimental Study"

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Potential competing interests: No potential competing interests to declare.

1. Use the latest journals to cite because exploring the last five years' work in this area would fetch much more interest; otherwise, it is routine.
2. Authors need to include the SEM images of MoS₂ reinforcement materials.
3. Please give justification with a valid reference for this sentence: "Thus, MoS₂ is a suitable material for this purpose. MoS₂ is occasionally used in place of graphite when high vacuum is required."
4. What is the basis for selecting such a geometry for the FSP tool?
5. Authors need to justify what the reason is for selecting such a process parameters range.
6. Authors need to explore the exact place where this composite material occupies in aerospace and also include those component names and images in this manuscript.
7. Authors need to include the EDAX results of this fabricated composite.