

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. Abstract also consists of very generic and ambiguous words like better, more than, improve, etc. The abstract should have the following structure without writing the headings within the text: problem, purpose, method, results, and conclusion.
2. Correlate MoS₂ reinforcements in FSP with some past literature in the introduction section. Their practical relevance and how this technique solves the existing problems.
3. The results section needs to be improved as it seems to be a laboratory report rather than a scientific investigation.
4. The English is all in all understandable, but some phrasing could be improved and some errors should be corrected. Any English editing services or some expert assessment is needed to improve the technical level of the text.
5. At the end of the introduction, please make sure you have clearly identified the research gap in the literature and highlighted the novelty of your work.
6. Please critically analyze your results by comparing and contrasting with the literature. Add future recommendations and limitations at the end of the conclusions.