

# Review of: "Investigating the Mechanical and Tribological Effects of MoS<sub>2</sub> Reinforcement in AZ91 Magnesium Alloy: A Comprehensive Experimental Study"

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Potential competing interests: No potential competing interests to declare.

Herein, the authors investigated the mechanical and tribological effects of MoS<sub>2</sub> reinforcement in the AZ91 magnesium alloy. The findings offer some valuable information on the fabricated composite. Following are a few comments to improve the quality of the manuscript.

1. Images are of poor quality. It is better to provide high-quality, relevant images to support the discussion.
2. The selection of reinforcing particles and experimental parameters requires more detailed justification.
3. More references are required to support different sections of the manuscript.
4. The tribological study should be in detail.
5. The conclusion needs to be specific, and the future scope of the study can be added.