

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

Makanjuola Oki

Potential competing interests: No potential competing interests to declare.

Review

The authors conducted very interesting research which, if adequately reported, will make a major industrial impact. However,

1. Reportage lacks in-depth analysis.
2. Some of the results were not displayed, for example, EDS.
3. Abstract will require highlights of the results obtained. If there is limited elasticity, then the toughness would have reduced slightly. Thus, the sentence, ‘..... maintaining the original toughness of the matrix....’ should be modified to include to some extent.
4. Description and analysis of SEM micrographs have been omitted. Please discuss them and analyze.
5. In the present form, this paper cannot be published.

Thank you.

M. Oki