Review of: "The Influence of Hot Extrusion on The Mechanical and Wear Properties of an Al6063 Metal Matrix Composite Reinforced With Silicon Carbide Particulates"

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Potential competing interests: No potential competing interests to declare.

The work is interesting, and the researchers conducted a thorough analysis of tensile strength, hardness, wear rate, and wear debris morphology. This allowed them to gain a deep understanding of the effects of hot extrusion on the composite's performance. On this manuscript, I have only a few comments.

- It's better if the author establishes a suitable Design of Experiment to learn more about the influential factors affecting the mechanical properties of the material and tries to optimize the process.
- It's good if the manuscript is provided with quantitative values in the conclusion section as well as in the abstract section.
- It would be very interesting to see how the effects of hot extrusion vary with different particle sizes besides the given data sets of particle size.
- It would be valuable to investigate how the composite performs under different wear conditions, such as lubricated sliding or erosion.

Despite these, the paper provides valuable insights into the effects of hot extrusion on the mechanical and wear properties of Al6063 metal matrix composites reinforced with silicon carbide particulates. The researchers' findings could be used to develop new and improved composites for various applications.