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.

It is good scientific work. The results are interesting; however, they are not unexpected. It is known that a small amount of addition of SiC improves strength but leads to reduced toughness and ductility. It is also well established that SiC leads to an improvement in wear resistance.

The manuscript can be improved by including

(a) the mechanism of deformation for the composite

(b) an analysis of the interfacial bonding of Al and SiC and its role in deformation. This can lead to an understanding of how to improve the overall fraction of SiC

(c) the mechanism of wear resistance

It would also be good if the authors could include the stress-strain plots for all the conditions and compare the tensile toughness data in their manuscript.