

Review of: "Optimized Material Removal and Tool Wear Rates in Milling API 5ST TS-90 Alloy: AI-Driven Optimization and Modelling with ANN, ANFIS, and RSM"

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Potential competing interests: No potential competing interests to declare.

1. Title : The title is adequate.
2. Abstract : Abstract is concise with details reported.
3. Introduction : To improve the readability of the paper , it is suggested that the text should be concise instead of long winded. It will be better to read if a tab space is provided at the beginning of each paragraph.
4. Contribution to the literature : The author have presented the sufficient study of literature related to methodologies used but the paper lacks literature supporting the use of Workpiece material.
5. Research Design : Repetition of same sentence is perceived especially on the measurement of independent variables , should be avoided. I think the author has no clarity about the version of Design Expert software used (mentioned as version 14 in abstract and version 13 in Research design section) .
6. Results and Discussion : The author have used the data to the full extent. The author has made valuable contribution in interpreting the result obtained. The results and discussion part are adequately addressed.
7. Conclusion : The paper is well written and the author has provided a thorough search with a sound methodology and a comprehensive analysis of the results.

Overall this is a novel approach and I congratulate the author for his excellent work and efforts.