



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	Ms_BJAST_18856
Title of the Manuscript:	THE INFLUENCE OF THE DEPTH OF CUT ON THE TWO-WAY APPLICATION OF CUTTING FLUIDS
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	The authors need to present the general insights obtained from their research. What can we learn from your work? The authors should add details of their approach. Comparison with other cooling methods such as Minimum quantity lubrication (MQL) of high pressure cooling (HPC) and is needed. Experimental equipment is not suitable for precise tool wear measurement. In the paper there is only one machining condition, namely: feed $f=0.75$ and speed $v=125$. If more cutting parameters of the HPL would be investigated, the objective could be indeed to fully understand the process. Here only one cutting speed and feed are concerned which is still a bit restrictive. Feed should be defined in mm/rev not in mm. Pictures of the tool wear and collected chips depending on cutting conditions would be interesting to see.	Ok. But comparison with MQL is not necessary in this work, because the focus of the work was determine the effect of depth of cut on the two-way application of cutting fluids (CF) varying the angle of CF feeding. It is not only one condition of machining that was taken into account. Both the depth of cut and CF feeding angle were varied. However, other parameters (speed, feed, tool geometry) can be investigated in future research. Unfortunately, i didn't take the picture of the chips and tool wear. But i noted it down for subsequent similar works.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		