

## Cavitation erosion resistance of the chosen aluminum alloys

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The cavitation erosion is a process of material deterioration as a result of materialization, increase and decrease of the cavitation bubbles in different types of liquid. The cavitation erosion materials are used to prevent the devastating effect of imploding bubbles. The aluminum alloys are often used on the parts of machines exposed to cavitation erosion phenomenon. The following article brings up the study of the results of investigation cavitation erosion resistance aluminum alloys: EN AW-2017A, EN AW-5754 and EN AW-7075.

**Keywords:** cavitation, cavitation erosion, aluminium alloys.

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