

Abstract

Project Title: Rusting Out

Project ID:667

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A brief explanation of your project. Enables judges to receive a base understanding of your project and work.

My problem is to see how much acids really effect the rate of corrosion. I feel that this will work because when you are measuring and using different acids you could work on this but so that also don't work for this. What I did in the experiment is I took how much each acid made the steel wool to rise in the temperature and took how much rust was created on it. Acid one lemon juice rose the temperature within minutes for soaking and created 65% of rust. Acid two white vinegar rose the temperature but it varied at some point is time but created 25% of rust. The third and final acid distilled water the temperature stayed about roughly the same and created the least amount of rust.