

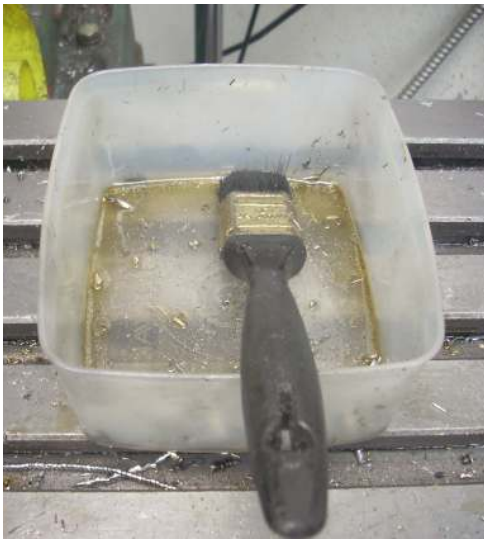
# A Non-Spill Oil Cup and Brush

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Enco sells a fine non-spill oil cup and I was planning to buy one the next time I placed an order. But while I was waiting, my present solution started to evolve.



I was using an old paint brush resting in a cast off Tupperware<sup>®</sup> container. It works OK but has a few annoying problems. First of all, it collects a lot of swarf which eventually gets onto the brush so onto the work piece. Secondly, the brush picks up way too much oil and that too gets all over the work piece.



“Mark II” was an old Altoids<sup>®</sup> box with a hole cut in the top. It reduced the amount of swarf getting in but did not address the excess cutting oil on the brush. I did glue a piece of flexible magnet on the bottom so it would not easily fall over.

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“Mark III” is the ultimate in luxury. It uses the trick found in non-spill oil cups plus has a small magnet on the bottom to help keep it in place. I also switched to an old tooth brush which sits in a shallow pool of oil. This reduces the amount of oil transferred to the work piece.

I’ll have you know, I spared no expense on this valuable addition to my shop! I think the oil cost me far more than the container or brush.



The top consists of an old large pill bottle with a round hole cut in. I then used a smaller pill bottle with the bottom cut off as my inner liner. It is just a force fit but seems to be oil proof enough.



If you look close, you can see the oil sitting under the liner rather than inside it.

You can also see the magnet hot glued to the bottom of the larger bottle.



I started by cleaning all surfaces to be glued. Then I put down a bead of heat glue on the magnet. Next I used my heat gun to heat the magnet and reflow the glue. A quick push down on the hot glue with the oil cut and I was done.

I welcome your comments and questions.

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