

## Online Forum: <u>Wagner and Griswold Forum</u> Join Now: <u>Wagner and Griswold Society Membership</u> Visit Us on Facebook: <u>Wagner and Griswold Society</u> <u>WAGS Cast Iron Cooking</u>

## Reverse Electrolysis (Read 334 times)

I'l Not for rion         I'l Not for rion         Just about anywhere         Posts: 1300         ''Dark Side" to the cleaning section. Here goes, hope I don't ramble too much. As we were discussing cleaning the break the was suggested to use the "reverse electrolysis" method. I didn't says much about it at the tim break of a tex kettle times sould anywhere         Posts: 1300       would expect the inside of the inside any the inside inside the soulton in barrely on thing their any expected is where the soulton in barrely on thing their any expected is where the soulton in barrely on thing their any expected is where the soulton in barrely on the soulton in barene of the inside any the inside any the voice of satin loss son i		(read 334 times)
Cit.		Reverse Electrolysis
Curtis Wilford       Re: Reverse Electrolysis         Reply #1 - Nov 5 <sup>th</sup> , 2011, 12:03am I have done it in a large pot. I used a bucket to move the liquid from my main barrel, got it brim full using shims to level it. I put two 2x4's across then the sacrifice piece. red to sacrifice piece, black to pot. When I thought it was enough I bailed the water back over and scrubbed the tub. Worked as I expected. Now before you go asking for my before and after pix, I suck in the photojournalism dept and don't have any.         Posts: 244       Re: Reverse Electrolysis         Portuna Administrator WAGS member       Re: Reverse Electrolysis         Reply #2 - Nov 5 <sup>th</sup> , 2011, 12:17am Thank you Scott for clarifying! <sup>(1)</sup> The HersheyPark       My plan so far is to wrap a steel can with vinyl mesh, and place inside the teakettle, hooking the 'covered' can to the positive rod with a jumper wire Now this is just 'the plan' haven't attempted it yet.         Posts: 4009       The one thing I have been pondering is whether to disconnect my plates, and clean the inside of the kettle only, rather than keeping positive flow running thru the plates to clean the outside at the same time. So anyone who has successfully used this technique to derust the inside of a teakettleHow did you accomplish it????         Scott Sanders Moderator       Re: Reverse Electrolysis         Reply #3 - Nov 5 <sup>th</sup> , 2011, 12:26am Cheryllook here and notice reply #'s 43, 49,50,51,852. I think this is what you are talking about. Cheryllook here and notice reply #'s 43, 49,50,51,852. I think this is what you are talking about.	I'll look for iron just about anywhere	<ul> <li>OKI'm going to move this discussion on "Reverse Electrolysis" from our discussion on the Savery Tea Kettle on the "Dark Side" to the cleaning section. Here goes, hope I don't ramble too much. As we were discussing cleaning the inside of a tea kettle it was suggested to use the "reverse electrolysis" method. I didn't say much about it at the time, because I didn't have the time to say what I wanted to. Actually, reverse electrolysis is probably the wrong term. It was suggested to put the solution inside the kettle and use reverse electro, but it might have been the wrong term. It was suggested to put the solution inside the kettle and use reverse electro, but it really would not be reverse electro. I would still want to clean the inside of the kettleso rust would go from the iron to the sacrificial pieceI'm not going to get into trying to keep anode and cathode straight, so I would still put the black lead on the iron and the red lead on the sacrificial piece placed inside the soultion in barrel. The only thing that is reversed is where the solution is as compared to a normal electrolysissolution in barrel, iron in solution in barrel. I would expect the inside of the iron to be cleaned. This was also discussed to some extent in the "See Perry's Barrels Here" thread in the cleaning "sticky" section. We talked about putting a piece of stainless inside a pot or kettle, without it touching the iron, inside the electro barrel and connecting the wane time.</li> <li>NOW, on to reverse electrolysisWe have discussed this in the past, and it was usually refered to when talking about cleaning the sacrificial piece or pieces in an electrolysis system. If your sacrificial piece gets cruddy, whether it be chunks of iron or a stainless steel barrel, it was suggested to take an old broken piece of cast iron or some scrap steel and hang it in your barrel as though you were going to clean it. Only this time "REVERSE" your battery charger leads. This time put the red on the piece hanging in the c</li></ul>
Re: Reverse Electrolysis         WAGS: Heartbeat of Cast Iron Cookware Collecting       Reply #1 - Nov 5 <sup>th</sup> , 2011, 12:03am I have done it in a large pot. I used a bucket to move the liquid from my main barrel, got it brim full using shims to level it. 1 put two 2x4's across then the sacrifice piece. red to sacrifice piece, black to pot. When I thought it was enough I bailed the water back over and scrubbed the tub. Worked as I expected.         Now before you go asking for my before and after pix, I suck in the photojournalism dept and don't have any.         Posts: 244         Ocheryl Watson Forum Administrator WAGS member         Re: Reverse Electrolysis         Reply #2 - Nov 5 <sup>th</sup> , 2011, 12:17am Thank you Scott for clarifying! (***)         The HersheyPark Kitty         My plan so far is to wrap a steel can with vinyl mesh, and place inside the teakettle, hooking the 'covered' can to the positive rod with a jumper wire Now this is just 'the plan' haven't attempted it yet.         Posts: 4009       The one thing I have been pondering is whether to disconnect my plates, and clean the inside of the kettle only, rather than keeping positive flow running thru the plates to clean the outside at the same time. So anyone who has successfully used this technique to derust the inside of a teakettleHow did you accomplish it????         Scott Sanders Moderator       Re: Reverse Electrolysis Reply #3 - Nov 5 <sup>th</sup> , 2011, 12:26am Cheryllook here and notice reply #'s 43, 49, 50, 51, 852. I think this is what you are talking about. http://www.griewaldandbeaguergenergenergenergenergenergenergenerg		Scott
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just about anywhere	Scott
Posts: 1300	
<b>Ocheryl Watson</b> Forum Administrator	Re: Reverse Electrolysis
WAGS member	Reply #4 - Nov 5 <sup>th</sup> , 2011, 12:45am Ah Hah that's where I saw it!!
The HersheyPark Kitty	Just couldn't remember which thread! I got the roll of vinyl fencing over a month ago, but with the temps dropping so early, probably will be Spring until I get around to it! The electro and lye baths are NOT liking the cool/cold weather
Posts: 4009	Where the hang is GLOBAL WARMING when I need it???? 🙂
<b>OLarry Brewer</b> WAGS member	Re: Reverse Electrolysis
<b>ጵጵጵጵጵጵ</b> WAGS: Heartbeat of Cast Iron Cookware Collecting	<b>Reply #5</b> - Nov 7 <sup>th</sup> , 2011, 1:12am Cheryl, I clean pots as you described. I pick up all different sizes of stainless pots and cups at yard sales. I have a 100 gallon electro tank lined with stainless. I hang the DO by the bail and set a mesh lined pot inside it . I use a brass weight to keep the inner pot from shifting. I use a jumper wire to the positive side. I run 20 amp for 5 - 6 hours. It works good inside and out.
OCheryl Watson Forum Administrator WAGS member	Re: Reverse Electrolysis
The HersheyPark	<b>Reply #6 -</b> Nov 7 <sup>th</sup> , 2011, 1:32am Thanks Larry Good Ideas!!! I now have put together several "jumper" wires for my odd sized pieces. So I can use them to jump either from the neg or positive.
Kitty Posts: 4009	I am using a two plate system for now and having to get innovative with it! I had not thought of picking up stainless pots and pans and cups, for the interior anodes! Very neat idea! I certainly have been to enough auctions lately!! Added to list! I also run at 20 AMPS although considering pushing it up to 65, just to try to 'heat' things up in the electro!! The early COLD weather is wreaking havoc with my electro and lye baths!!! Now the weather forecast just said a WARM spell is coming I hope so!! I'm ready to move to Texas or Florida, or anywhere South!!!
	Hey Claudia!! Ya got room for a boarder!!???? I am online shopping for a kerosene heater for my detached Garage as we speak!!(which will then be able to heat the house during the next Power Outage!!)
Sam Roberts WAGS member	Re: Reverse Electrolysis
Lodge what? !!! Posts: 3672	<b>Reply #7 -</b> Nov 7 <sup>th</sup> , 2011, 11:11am Let me give you one more ideal for cleaning the inside of a Tea Kettle.

Ø<sub>tpot.jpg</sub>



<b>Ocheryl Watson</b> Forum Administrator	Re: Reverse Electrolysis
WAGS member	Reply #8 - Nov 7 <sup>th</sup> , 2011, 12:02pm         Quote from Sam Roberts on Nov 7 <sup>th</sup> , 2011, 11:11am:         Let me give you one more ideal for cleaning the inside of a Tea Kettle.
The HersheyPark Kitty	Now HOW COOL is that!!??!!!
Posts: 4009	Custom PVC feet and spacer!!!
	Aha gotta call the machine shop bet I can come up with some scraps of 28 ga. SS sheet from them in small sizes! Now I am assuming that you used SS, sure looks like it but any thin steel sheeting would work!
	I luv your pictures!!
<mark>@Sam Roberts</mark> WAGS member <mark>හිතිහිතින</mark>	Re: Reverse ElectrolysisReply #9 - Nov 7 <sup>th</sup> , 2011, 1:18pm Quote from Cheryl Watson on Nov 7 <sup>th</sup> , 2011, 12:02pm: Quote from Sam Roberts on Nov 7 <sup>th</sup> , 2011, 11:11am: Let me give you one more ideal for cleaning the inside of a Tea Kettle.
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	I luv your pictures!!
<b>Ø</b> Greg Stahl	Yes I used SS and fastened it together with rivets.
Forum Administrator WAGS member	Re: Reverse Electrolysis Reply #10 - Nov 7 <sup>th</sup> , 2011, 3:05pm Sam,
Ole Scratch	that is slick!
Posts: 13454	
Oscott Sanders Moderator	Re: Reverse Electrolysis
****	<b>Reply #11 -</b> Nov 7 <sup>th</sup> , 2011, 3:59pm I also pick up assorted sizes of stainless steel cups, small pots, utensils, etc. when I find them. I haven't utilized any of them yet, but they are there waiting for me to be creative. I guess it is a good time to bring the "Durnk Dutchman"
I'll look for iron just about anywhere	back again. This is Ray's creation. Looks like something I'd dream up ତ
Posts: 1300	http://www.griswoldandwagner.com/cgi-bin/yabb/YaBB.pl?num=1293581609/6#6
	I like to see the different ideas that you all are coming up with to solve this problem. Some good ideas here.
	Scott
Obwayne Henson WAGS member	Re: Reverse Electrolysis
<del>รักรักรักรักรั</del>	<b>Reply #12 -</b> Nov 16 <sup>th</sup> , 2011, 9:55am Being lazy and cheap, I have used something like Sam's, except I used an empty tin can wrapped in vinyl mesh. The bottom lid was left in place. I placed the tin can wrapped in mesh in the pot, filled the tin can to keep it from floating,
When the people fear their government, there is	then filled the pot, and hooked up the leads. About the time the tin can was used up, the pot was clean. At the hospital I work at I can get a variety of different sized tin cans from the kitchen, they're just throwing them out.
Posts: 4254	