

TRADE COUNTER

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RESTORE Rust Removal Gel

Shield Technology has released a new rust removal product, 'Restore Rust Removal Gel'.

I expect we all remember products like Jenolite for removing rust? Dunk the item and leave it a while and the rust is converted to a black oxide.

Well now there is an easy to use alternative, Restore Rust Removal Gel.

This product is a simple, clean way to remove rust from ferrous components. Rather than just report the availability, I thought I would give the 250ml sample bottle a test run.

I have some castings for a Redwing gas engine sat on the workshop floor under the hacksaw. They were slightly rusty when purchased secondhand. I thought the base casting would be an ideal test piece, **photo 2**.

This casting had slight surface rust so reading the instructions for use it said rub gel in with a scourer. Right I thought lets rub the casting with a scourer and see what happens; after all, scourers are supposed to remove rust and corrosion. A quick rub over later and it was obvious a lot of effort would have to be expended to bring the metal back to a rust free condition.

Right, on to the gel. The bottle was inverted onto the corner of the scourer and a thin layer of gel about 25mm in dia was left. I rubbed the gel onto the casting for two minutes without using any real scrubbing method and then wiped the gel off with a kitchen towel. The result can be seen in **photo 3**. I did not go all over the casting. That is a job for the future when I am ready to start the machining.

The casting appeared clean in the bit that was worked on and there appeared to be no remaining rust where I had rubbed the gel on. **Photo 4** has had part of the original casting Photoshopped on over the finished face so you can see the difference.



Photo 2



Photo 3

Arc Euro Trade says 'Typical uses include vehicle bodywork, motorcycle tanks and mudguards, machine tool tables and beds, larger woodworking tools etc.

Like Restore Rust Remover, it does not contain acids and therefore flash rusting is not a problem.

Application is by means of a scouring pad (not supplied) which is moved gently over the surface until the rust is removed and the surface is left bright and clean. It is extremely fast working, in many cases the cleaning process taking no more than a few minutes.'



Photo 1

This is a great product and I will certainly be using it in the future. Those of you with unstarted castings gathering rust or a part finished model under the bench can now use this product to clean off the rust and get started again. A 250ml bottle will go a long way but if you have a lot of derusting to do, the gel is also available in 500ml bottles.

Restore Rust Removal Gel is highly recommended, it does what it says on the bottle and it does it well.

Restore Rust Removal Gel (as well as the complete range of Shield Technology products) can be purchased from **Arc Euro Trade**, 10 Archdale Street, Syston Leicester LE7 1NA
Tel: 0116 269 5693 www.arceurotrade.co.uk



Photo 4