



Not the ...

Spoke'n Word

Volume 16 No 1

NEWSLETTER

Jan -Feb 2015

WAHCC Jan 2015 Meeting Minutes

Opened 07:40pm Mon January 19th, 2015

Present: Robert Frith, Mal Bell, Myrene Bell, Harold Perry, Judy Perry, Merv Thompson, Dawn Thompson, Robert Hunt, Mal Buckland, Tony Hall, Alan Hind, Cameron Smith, Tim Eastwood, Mavis Jones, Andrew Blackmore, Alan Naber, Dennis van Gool

Apologies: Peter Wells, Phil Harris, Kym Murray

Visitors: nil

Next Meeting

Monday 16th, Feb. 2015

Announcements: nil

Approval of Minutes from Oct. meeting; moved Robert Hunt, seconded Alan Hind.

Treasurers Report:

Treasurer Mal Bell is finally a signatory to the bank account

Correspondence Inward:

City of Fremantle - Arthur Grady Day Sat May 9th

Guildford Heritage Festival - Sun 29th March 9:30 - 4:30

State Library - requesting newsletter copy

Correspondence Outward:

City of Fremantle, confirming interest in Arthur Grady Day Invoice for Giro d'Perth display

Events Co-ordinator Report; Recent Events Attended or Held:

Rockingham Ride

Upcoming Events:

Garvey Park Feb 22nd

Giro d'Perth March 15th

Guildford Heritage Festival March 29th

General Business:

Phil Harris has resigned as events co-ordinator. No volunteer was found to replace him. Discussion was entered into about managing events and it was decided that individual members would be responsible for coordinating events by turn. Rob Frith will coordinate the Garvey Park ride and Giro d'Perth display. Mal Bell will coordinate the Guildford Heritage Festival display and Merv Thompson will coordinate the Moondyne display.

Alan Hind proposed investigating buying a number of magazines that member Evan Strudwick has for sale. Spirited discussion ensued and a vote was held; the ayes

prevailed with a handful of abstentions and one nay.

Alan and Robert Hunt will arrange to assess the potential and report back at the February meeting.

Show and Tell:

Alan Naber had a Gordonson delivery/trade bike which he has now rescued twice. It changed hands this evening and Andrew Blackmore is the new owner.

Mal Buckland brought along a Zenith that he's had tucked away in his shed for a decade. Perth built bike with very fine seatstays. Mal is looking for more info on the bike and maker but no-one was able to shed any light on either.

Meeting Closed: 8:35pm

Molasses for Rust Removal

The suck it and see experience

Why suck it and see you ask? Simply put if trying the molasses method for rust removal is effective and I'm happy with the practical result then I don't feel the need to spend endless hours researching the chemistry for why it works. That leaves me endless hours for looking at cycles and cycle parts on the Internet.

The good news for the reader is that no research means no big words such as ferrous, oxidation and anabolic reaction. This is a simple discourse relating my experiment with molasses for the removal of rust and the results in plain lingo.

Like most of us in the hobby of conserving old cycles I was interested in finding a practical alternative to sand blasting to remove rust so that chrome, nickel (if you're lucky) or paint and transfers are not damaged while cleaning the cycle frame and components of rust.

Aluminium foil rubbed on a chrome surface with water as a lubricant works well on light rust as does 0000 steel wool using as a lubricant. I have used 0000 steel wool on painted surfaces as well with good results. The problem with 0000 steel wool is the residue which hinders the application of paint or conservation wax.

Commercial rust converters, based on oxalic acid, can achieve good results in converting the rust but they don't remove the rust, instead behind leaving a grainy surface of black residue in place of the grainy surface of brown residue you had before treatment. cont...

NEXT MEETINGS:

Monday 17th March 7:30pm

Monday 20th April 7:30pm

Committee

President: Robert Frith 93832910

robert@frith.net.au

Vice President: Merv Thompson 9450 2579

Treasurer: Malcolm Bell

Secretary: Kym Murray

Librarian: Harold Perry 9364 7253

Committee Members: Alan Hind, Tim Eastwood

DISCLAIMER The views expressed in this newsletter are not necessarily those of the WA Historical Cycle Club and the accuracy of information published herein is not guaranteed.

UPCOMING EVENTS

Giro d'Perth Ride & Display

Sunday March 15th

Perth Soccer Club, Dorrien Gardens, cnr Gallop and Lawley Sts, West Perth.

Gates open at 8am, display set up by 9:30 am

Contact on site

Robert Frith 0411555607

March Meeting

Monday March 16th 7:30pm

Applecross Clubroom

Guildford Heritage Festival Display

Sunday March 29th

Location

Stirling Square Guildford

Set up is from 7am from the Meadow Street entrance of Stirling Square. Set at gazebo by the childrens' playground.

We are asking that everyone be in place by 8.45am.

contact on site Mal Bell 0428 718 073

Toodyay Moondyne Festival Display

Sunday May 3rd

contact Merv Thompson 9450 2579

April Meeting

Monday April 20th 7:30am

Applecross Clubroom

Kent St Weir Ride

Sunday April 26th 9am

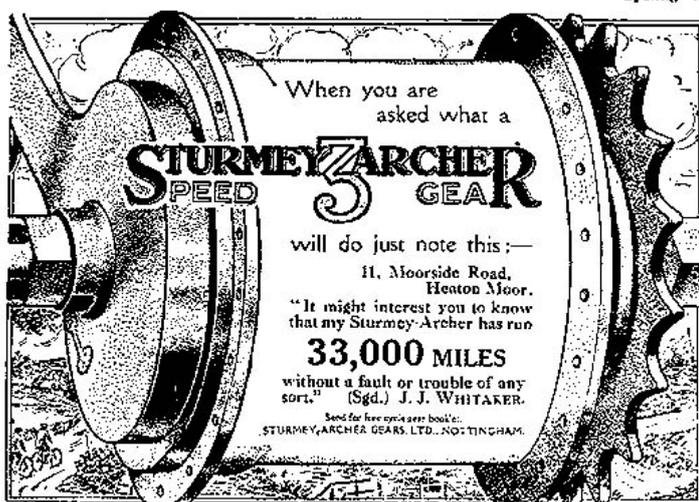
contact Phil Harris 0402 735 881

Arthur Grady Day - Fremantle Display

Saturday May 9th

Vancouver St Festival - Albany Ride & Display

Saturday May 9th



from p1....

At least they stop the progress of rust if the surface is protected after treatment.

There is an abundance of anecdotal evidence that a molasses and water mixture is effective for rust removal. I had my doubts until having dinner with an engineer who told me he had used a molasses bath to remove rust from vintage cast iron lathe components. He was so impressed with the result that he considered experimenting with and marketing the most effective molasses solution. This was the kick I needed to give it a go.

Molasses to water mixture ratio: My bath is a mixture of 3 parts water to 1 part molasses in a cut down 20 litre plastic container. I have heard of ratios of 5 to 1 and 10 to 1 being used successfully. With molasses available from stock feed suppliers at around \$3.00 per litre I decided 3 to 1 was still cost effective to make a 15 litre bath in which fairly large parts could be submerged.

Parts need to be clean of oil and grease before treatment so the liquid can come in direct contact with rust. I have found that there is no need for cleaning off rust scale as the mixture will dissolve it. The more rust the longer it needs to stay in the bath. Light to moderate rust seems to be removed in about 2 weeks. I have left parts in for longer than 2 weeks with no noticeable deterioration of the base metal or any chrome or paint coatings as long as the coatings are well adhered to the metal below.

CAUTION: I haven't treated parts with water slide transfers so don't know the result.

The engineer I mentioned earlier had a college that used a 44 gallon drum as the mixture container. It was an upside half and the molasses mixture ate away the aluminium bung in about 3 days. **ALUMINIUM PARTS CANNOT BE TREATED IN A MOLASSES BATH!**

Once removed from the bath the parts are simply washed off with water. The results are very pleasing with all rust removed from surfaces including hard to get at nooks and crannies. The metal surface is left a light grey and can vary from smooth to looking like it has been sand blasted depending on how deep the rust was. As the part dries it immediately starts to get a slight orange tarnish as the rusting process starts again. I usually apply Ranex rust converter at this stage which converts the tarnish and stops the rusting process leaving a surface ready for conserving or repainting.

If I am conserving a piece and wish to retain the original patina I apply a conservation wax. The wax does a great job of bringing original colour and detail to the fore again. Parts that I treated with molasses, Ranex and then conservation wax up to six months ago have not started to corrode again. The July - August 2013 edition of the Spoke n Word contains an article on wax and where to source it.

Other discoveries: My molasses bath grew mould for a period of time early in its life then the mould disappeared and hasn't come back again. I wondered how long the molasses mixture would remain active and a friend said he had a brew that has been going for a number of years requiring an occasional top up of water to allow for evaporation. The mixture has quite a strong beer hops smell so you won't get away with hiding it in the house.

Hope this helps making your cycle restoration easier.

Glenn Huffer