



Safety Alert

Hazard Alert: Unserviceable Rim Components

A tyre service man observed a lock ring, mounted on a rim in a hazardous state - the locking had started to creep out of the locking gutter section of the rim base after the tyre had been inflated.

The tyre was safely deflated.

The locking was examined and the leading edge (lip) was found to be corroded and pitted rendering the locking unserviceable. The locking should not have been re installed.

The following steps are to be followed:

If the tyre assembly is to be used for **Underground Service**, then **replace the Lock Ring at each Tyre Change to ensure safety.**

For Surface Service, replace Lock Rings in accordance with Site Specific Safe Operating Procedures (**SOP**) or when wear, rust, pitting and or damage is evident.

All Rim Bases must be **NDT tested** (non destructive testing) in accordance with site specific SOP. Clean rim parts of all foreign matter taking special care around bead seating areas and inspect for wear, rust, cracks or damage

Apply rust inhibiting primer to the rim, in accordance with site **SOP's** as necessary.

Check that all rim parts to be assembled are of the same manufacturer, are of the same size and specification and are properly matched. If unsure do not proceed!

If doubt exists as to the suitability for continued service, identify (by marking clearly) the areas of concern, tag the item 'out of service' and notify your supervisor.

The mismatching of rim components and the use of unserviceable components can lead to extremely hazardous incidents, causing severe damage, injury or death. Unserviceable rim components must be destroyed i.e. cut with **HOT TORCH**.

Keep this Alert in your mind, talk about it with others at work or elsewhere.

Assemble Tyres and Rims safely, always

Tilman Rasche
Mgr. Health & Safety

Safety Alert05 Unserviceable rim components incl disclaimer1.doc 2 December 2002

'Klinge Safe Tyres Produce More & Last Longer'

The information provided on this website is intended for information only and of bringing the existence of potential problems to your attention and to advise you of solutions which we have adopted. We do not warrant that any solutions that we have adopted are infallible, nor do we recommend that you adopt same. If you are concerned about a potential problem and wish to implement a solution, then we recommend you carry out your own research and testing. Expert advice should be obtained before adopting any solution that we have adopted to ensure that such a solution is appropriate and suitable to your needs. Any information provided on this web site is not intended to create any sort of legal relationship between Klinge & Co Pty Ltd and you, nor is it intended that you will rely upon it without obtaining proper professional advice. Klinge & Co Pty Ltd will not be responsible for any loss and damage occasioned, including but not limited to damages for personal injuries or loss of business or other profits, by any person relying on information contained in this website. Klinge & Co does not guarantee that the information on the web site is accurate, reliable, definitive, complete or up to date. Klinge Group may claim legal privilege and common interest privilege in relation to this material.