



## Technical Bulletin: - TB0118

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**To:** Machine owners by serial number  
**CC:** Niftylift Service Department  
**From:** Daniel Rance  
**Date:** 18<sup>th</sup> May 2016  
**Our Ref:** TB0118  
**Re:** Mandatory Inspection

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### **Machines affected: HR28 (All power variants and countries)**

Niftylift have discovered a potential defect with the HR28 Upper Flyboom P26732 and your machine(s) serial number may be affected.

It has been identified that the P26732 Upper Flyboom fabrication used on the Niftylift HR28 may suffer from fatigue near the ram pickup location.

Our findings suggest that this component may crack, and if not addressed could potentially lead to structural failure. External non-service loads induced by cage impact or failure to support the cage during transportation may accelerate component degradation.

All HR28 machines must be inspected immediately to determine if the component has started to crack. The location on the machine is shown in Figure 1 and an example crack is shown in Figure 2 on Page 2.

**If a crack is observed in the flyboom paintwork then the machine must be immediately withdrawn from service.**



**Figure 1**



**Figure 2**

If no evidence of cracking is shown then the machine may continue to be used. The inspection of this location must be repeated weekly in addition to normal daily/weekly/monthly inspections as defined in the machine's Operating Manual.

If at any subsequent time a crack is identified, then the machine must be removed from service.

Niftylift Service Department will advise a delivery time for a replacement part. Every endeavour will be made to do this in the very near future.

Daniel Rance

Senior Design Engineer



**This Technical Bulletin TB- 0118**

**has been actioned by: -**

Name.....Signature.....Date.....

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<b>Machine serial numbers:</b>	<b>Status – Cracked or not cracked?</b>