



# Technical Bulletin: TB0121

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**To:** All HR28 machine owners  
**CC:** Niftylift Service Department  
**From:** Martin Cross  
**Date:** 09<sup>th</sup> May 2017  
**Our Ref:** TB0121  
**Re:** Mandatory rope system inspection and label application

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

Niftylift have seen some HR28 machines with damage to the pulleys in the wire rope system within the telescope assembly. The wire rope system requires a pre-load on the ropes to operate correctly and to prevent them from becoming slack. Use of the machine over time can cause slight changes to the pre-load in the system, and insufficient tension in the ropes may result in damage to the system. Periodic inspection and adjustment of rope tension is therefore important to maintain safe and effective operation of your HR28.

**Mandatory inspection of the HR28 wire rope drive system by a competent person is required at least every six months.**

**A label is required on the machine to remind owners that inspection is mandatory.**

### **Actions required by all HR28 owners:**

1. Please email [service@niftylift.com](mailto:service@niftylift.com) to receive the latest inspection procedure and an assessment spreadsheet tool in your desired language (See Table 1). Please specify the language required and confirm your postal address so Niftylift can send the new label to you free of charge.
2. Inspect the ropes of your HR28 to the defined Niftylift procedure.  
(Note: Inspections conducted within the last 6 months are only valid if the steps defined in the Wire Rope and Maintenance Manual were followed and evidence has been recorded).
3. Apply the label (See Fig. 1 and Table 1) to the HR28 telescope knuckle cover (See Fig. 2).
4. Complete and return page 3 of this bulletin to [service@niftylift.com](mailto:service@niftylift.com) to confirm you have completed these actions for each machine serial number.

### **Supporting information:**

The latest revision of the Wire Rope Inspection and Maintenance Manual describes the procedure for checking the ropes and what to do if the ropes are beginning to wear or degrade. The procedure is supported by a spreadsheet tool for the competent assessors to record evidence and guide them to the correct outcome. The inspection procedure and spreadsheet tool are available in multiple languages on request from [service@niftylift.com](mailto:service@niftylift.com).

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## MANDATORY WIRE ROPE INSPECTION

At least **every six months** thoroughly inspect the entire wire ropes and pulley system.

The inspection procedure is available from [service@niftylift.com](mailto:service@niftylift.com) and shall be conducted by a competent person.

P30580/01

Figure 1 – Mandatory wire rope inspection label



Figure 2 – Label location on HR28 teleknuckle cover

Language	Inspection Manual Number	Revision	Label Number	Revision	Spreadsheet Number	Revision
English	M50490	1	P30580	1	WRIS_001_UK	1
Danish	M50491	1	P30587	1	WRIS_001_DA	1
Swedish	M50498	1	P30586	1	WRIS_001_SWE	1
German	M50494	1	P30582	1	WRIS_001_DE	1
Finnish	M50499	1	P30603	1	WRIS_001_FI	1
Dutch	M50492	1	P30584	1	WRIS_001_DU	1
French	M50493	1	P30581	1	WRIS_001_FR	1

Table 1 - Wire Rope Inspection Manual, label, and spreadsheet numbers by language



This Technical Bulletin TB- 0121

has been actioned by: -

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

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<b>Machine serial number:</b>	<b>Date wire rope system last inspected</b>	<b>Pulley Status</b>	<b>Rope Status</b>	<b>Label attached to machine (Yes/No)</b>