Safety Advice 10-2014 (NZ) (Feb) (Transmission)

Event Number E13300 courtesy of Electrix and Transpower concerns lever hoist slippage under load caused by grease discovered later on the lever hoist friction disc. The full safety advice follows below.

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Pride, Performance, Value

safety alert

Lever Hoist Maintenance

Electrix Event Number
E13300

The Issue
Lever Hoist slipped under load.

What Happened
In the process of lifting the new duplex conductor out of the running block to clamp in and noted the lever hoist we were using was slipping. Stopped the lift in order to swap out hoist, engaged reverse to let the conductor back down into the block and hoist slipped again.

Findings
- No injuries to staff.
- Grease identified on friction disc.
- An aerosol lubricant may have seeped through to friction disc.

Immediate Actions
- Lever hoist swapped out and red tagged for testing.
- Lever hoist assessed by supplier. Hoist cleaned and retested. Deemed fit for service.

Root Cause
Lever hoists being maintained incorrectly. Friction disc has been contaminated with a light layer of grease. Friction disc works much the same as brakes in a vehicle and will not work when lubricated.

Corrective Actions
- Only ever wipe clean lever hoists
- Never apply lubrication of any type or any other products which could dilute existing grease and allow seepage and contamination of locking parts.
- All servicing, including cleaning and lubricating of internal parts must only be completed by trained and experienced persons.

For further details please contact QSE Campbell Hardy, 021 221 2779

Date: 20-Feb-2014

Safety Alerts are advisory only. They contain limited information on an event which has been investigated and reported and the key findings of the investigation are published as a Safety Alert to highlight the key learnings from the event

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