



Mandatory Product Update/Safety Bulletin

PCU20-005

Overspeed & Overspeed Slack Rope Safety Device Update

April 3, 2020

COMPLIANCE CATEGORY <input checked="" type="checkbox"/> Safety Failure to comply with this product update could result in personal injury or death. Compliance is mandated within a specific operating time.	PRIORITY CODE <input type="checkbox"/> 1 Prior to unit startup or prior to continued operation (Immediate Action Required)
<input type="checkbox"/> Compliance Required Identifies the need for action to correct a condition that, if left uncorrected, may result in reduced equipment reliability or efficiency. Compliance may be required within a specific operating time.	<input checked="" type="checkbox"/> 2 At first opportunity (Prior to Next Scheduled Maintenance Interval)
<input type="checkbox"/> Optional Identifies changes that may be beneficial to some, but not necessarily all. Accomplishment at customer's discretion.	<input type="checkbox"/> 3 Next Scheduled Maintenance Interval
<input type="checkbox"/> Notification Customer communication, no action required.	<input type="checkbox"/> 4 Optional / Notification

PRODUCT MODELS AFFECTED All PC3/Titan-1000/1500 Series Hoists with Overspeed or Overspeed Slack Rope Safety Device (excludes Turbine Service Lift/BMU Hoists)

COMPONENT SYSTEM			
<input type="checkbox"/> Electrical	<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Safety	<input type="checkbox"/> Other:

SUB COMPONENT
Overspeed Safety Device/Slack Rope Assembly – Main Casting

Purpose
<p>We received a report of an Overspeed Safety Device within the Titan/PC3 -1000/1500 Traction Hoist with a crack in the casting after an overspeed activation. In the unlikely event of a loss of traction of the suspension rope in the traction sheave, a drive train failure leading to a freewheeling traction sheave, or running off the end of the rope, the Overspeed or Overspeed Slack Rope Safety Device main casting could crack due to high impact force.</p> <p>For any unit with a serial number lower than 20Y20957S, a modification to the Overspeed or Overspeed Slack Rope Safety Device is required to ensure proper operation in the event of an issue as outlined above.</p>

Action Required.
FOR UNITS SOLD TO CUSTOMERS: 1. Notify all customers immediately of this update and work with them to schedule the update.
PRIOR TO NEXT RENTAL OF HOIST: 2. For units that do not have a slack rope device, the Overspeed Safety Device must be updated with the Overspeed Update Kit for 8500 (723606-1) per Service Instruction 703897-2 before it can be used. 3. For units that have a slack rope device, the Overspeed Safety/Slack Rope Device must be updated with the Overspeed Update Kit for 8526/8523 (723607-1) per Service Instruction 703897-2 before it can be used.
FOR UNITS CURRENTLY IN USE: 1. Units are ok to remain on rent; however, they must be updated before next use.

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FOR SPARE PARTS IN YOUR INVENTORY:

1. All inventory of p/n 8500 must be updated with the Overspeed Update Kit for 8500 (723606-1) per Service Instruction 703897-2 before they can be used.
2. All inventory of p/n 8523 and 8526, 8526-1 & 8526-2 must be updated with the Overspeed Update Kit for 8523/8526 (723607-1) per Service Instruction 703897-2 before they can be used.
3. All inventory of p/n 8506 must be updated to include the knurled pin outlined in Service Instruction 703897-2, Step 1.3.3.

TO PERFORM SERVICE:

1. Call Power Climber Customer Service to request the parts and instructions that are required for your location. Parts will be provided under warranty.

ACCOMPANYING DOCUMENTS

703897-2 Titan/PC3 Overspeed Update Procedure

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