

# SERVICE REPORT

**KONECRANES®**  
Lifting Businesses™

Report Created: Aug 3, 2020 7:39 PM

## Customer and Service Information

<b>Customer</b>	International Support Group LLC / US Army Reserve Center		
<b>Business Location</b>	US Army Reserve Center, Bayside, 200 Duane Rd		
<b>City</b>	Bayside		
<b>Agreement</b>	U266-US Army Reserve Center		
<b>Service Request</b>	1-92386181719		
<b>Description</b>	Hook/Shank Inspection, Oil analysis, Routine Maintenance, MAINMAN Assessment - August/2020		
<b>PO Number</b>	Signed offer #1-157A7M8A/1		
<b>Billing Type</b>	Fixed		
<b>Customer Contact</b>	Deen Rowe 718-413-3472 drowe@internationalsupportgroup.com	<b>Konecranes Contact</b>	Betsy Nogrady-Lake 5854810717 betsy.nogrady-lake@konecranes.com

## Component Condition

- ✓ Acceptable (No issues detected)
- ! Need Attention

## Assets



**A2840-A**

Single girder EOT - 1 trolley wire rope hoist

<b>Serial number</b>	A2840-A	<b>Span</b>	70ft
<b>Criticality</b>	High	<b>Lift</b>	25ft
<b>Site Location</b>	Truck shop	<b>Volt/Ph/Hz</b>	460-3-60
<b>Capacity/SWL</b>	10 tons		
<b>Model</b>	SGTRDM		
<b>Service Products</b>	Hook/Shank Inspection,Oil analysis,Routine Maintenance,MAINMAN Assessment		

### Trolley

#### Hoisting machinery

##### ! Hoisting gear - internal

**Date Reported** Aug 3, 2020  
**Technician** Julio Alarcon  
**Task Type** Unable to Inspect  
**Fault Code** Not in Scope  
**Risk** **Undetermined Condition**  
**Recommendation** Disassemble/Inspect

##### Notification

**Comment:**  
Disassembly is required to inspect this component. Inspection frequency is as required by the OEM and/or governing regulations

**! Hoisting coupling - internal**

**Notification**

**Date Reported** Aug 3, 2020  
**Technician** Julio Alarcon  
**Task Type** Unable to Inspect  
**Fault Code** Not in Scope  
**Risk** **Undetermined Condition**  
**Recommendation** Disassemble/Inspect

**Comment:**

Disassembly is required to inspect this component. Inspection frequency is as required by the OEM and/or governing regulations

**! Mechanical load brake**

**Notification**

**Date Reported** Aug 3, 2020  
**Technician** Julio Alarcon  
**Task Type** Unable to Inspect  
**Fault Code** Not in Scope  
**Risk** **Undetermined Condition**  
**Recommendation** Disassemble/Inspect

**Comment:**

Disassembly is required to inspect this component. Inspection frequency is as required by the OEM and/or governing regulations

**! Hoisting wire rope 9.51 mm wire rope diameter**

**Quote**

**Date Reported** Aug 3, 2020  
**Technician** Julio Alarcon  
**Task Type** Visual assessment  
**Fault Code** Flattened  
**Risk** **Safety Risk**  
**Recommendation** Replace

**Comment:**

Wire rope damaged, as a result of side pulling causing rope came out of the upper sheave and got pinched between the sheave and sheave guard. Need replacing.

**Hook block**

**! Hook nut and locking parts**

**Notification**

**Date Reported** Aug 3, 2020  
**Technician** Julio Alarcon  
**Task Type** Unable to Inspect  
**Fault Code** Not in Scope  
**Risk** **Undetermined Condition**  
**Recommendation** Disassemble/Inspect

**Comment:**

Disassembly is required to inspect this component. Inspection frequency is as required by the OEM and/or governing regulations

**! Hook forging - internal**

**Notification**

**Date Reported** Aug 3, 2020  
**Technician** Julio Alarcon  
**Task Type** Preventive Maintenance  
**Fault Code** Acceptable  
**Risk** **No direct risk**  
**Recommendation** No Action

**Comment:**

Disassembly bottom block hook, inspected look ok.

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**! Hook forging - internal**

**Notification**

**Date Reported**

Aug 3, 2020

**Technician**

Julio Alarcon

**Task Type**

Unable to Inspect

**Fault Code**

Not in Scope

**Risk**

**Undetermined Condition**

**Recommendation**

Disassemble/Inspect

**Comment:**

Disassembly is required to inspect this component. Inspection frequency is as required by the OEM and/or governing regulations



Aug 3, 2020 3:04 PM Deen Rowe, Customer



Aug 3, 2020 2:33 PM Julio Alarcon, Technician

## Findings and Actions

### **Safety Risk** **WARNING**

Indicates an unsafe condition. Failure to remedy such condition before continued operation of the identified Asset may result in personal injury including death, or property damage.

### **Production Risk**

Indicates an inefficient condition. Failure to remedy such condition before continued operation of the identified asset may result in inefficient asset performance or an interruption in production.

### **Undetermined Condition**

Indicates that the condition could not be directly verified through visual inspection as a result of asset configuration and/or obstruction.

The condition of certain components cannot be directly verified through visual inspection without further disassembly and/or the use of other inspection methods. These advanced services are generally excluded from the scope of typical compliance and preventive maintenance inspections. Consultation Services may be added to a Service Program or offered on a stand-alone basis to assess the condition of these components. Inspection frequency for these components should follow OEM recommendations and/or governing regulations. If no records are available, we recommend appropriate inspections be carried out to determine current condition and to establish a baseline for recurring inspections.

### **Improvement Opportunity**

Indicates a potential opportunity to improve the safety, productivity, application or useful life of the asset.

### **Acceptable / Repaired Item**

Component condition is verified by Konecranes service technician. No actions required. If a component or other object has been repaired within the service visit, green color code is shown as well.

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<b>City</b>	Bayside		
<b>Agreement</b>			
<b>Service Request</b>	1-92385774095		
<b>Description</b>	Wire Rope out of Sheaves taking appropriate action to fix		
<b>PO Number</b>			
<b>Billing Type</b>	Time & Material		
<b>Customer Contact</b>	Deen Rowe 718-413-3472 drowe@internationalsupportgroup.com	<b>Konecranes Contact</b>	Betsy Nogrady-Lake 5854810717 betsy.nogrady-lake@konecranes.com

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## Assets



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<b>Capacity/SWL</b>	10 tons		
<b>Model</b>	SGTRDM		
<b>Service Products</b>	Planned Repairs		

### Trolley

#### Hoisting machinery

<b>! Hoisting wire rope 9.51 mm wire rope diameter</b>	<b>Quote</b>
<b>Date Reported</b>	Aug 3, 2020
<b>Technician</b>	Julio Alarcon
<b>Task Type</b>	Visual assessment
<b>Fault Code</b>	Flattened
<b>Risk</b>	<b>Safety Risk</b>
<b>Recommendation</b>	Replace
<b>Comment:</b>	
Found wire rope come out of the upper sheave and sit on the shaft create unsafe conditions to use the hoist.	
After get approve working to fix the issue.	
Removed sheaves guards , lift up sheaves and shaft to repositioning wire rope on place , aligned and Secure in place.	
But, as a result of side pulling wire rope got pinched and came out of the sheave through a little gap between sheave and guard.	
Recommended replacing wire rope.	
Tested hoist operation work ok.	

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Aug 3, 2020 3:04 PM Deen Rowe, Customer



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Aug 3, 2020 2:05 PM Julio Alarcon, Technician

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Trolley

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