

OVERALL CONDITION

III



**INDUSTRIAL**<sup>®</sup>  
INSPECTION & ANALYSIS

**IIA Lifting Services Inc.**  
**PO Box 5609 • Peoria, AZ 85385**  
**Telephone: (800) 992-1111**

**Inspection and Testing  
of  
Crane Inspection**

In accordance to  
**ASME B30.5 & OSHA 1926 Subpart CC CAL/OHSA Title 8 Section 5031\***

# INSPECTION REPORT

**Project No.**

335

**Customer**

CONTRACTORS WEST

**Unit No.**

153

Todd Gribble

Inspector

*Todd Gribble*

Signature

July 17, 2025

Date

## DISCLAIMER

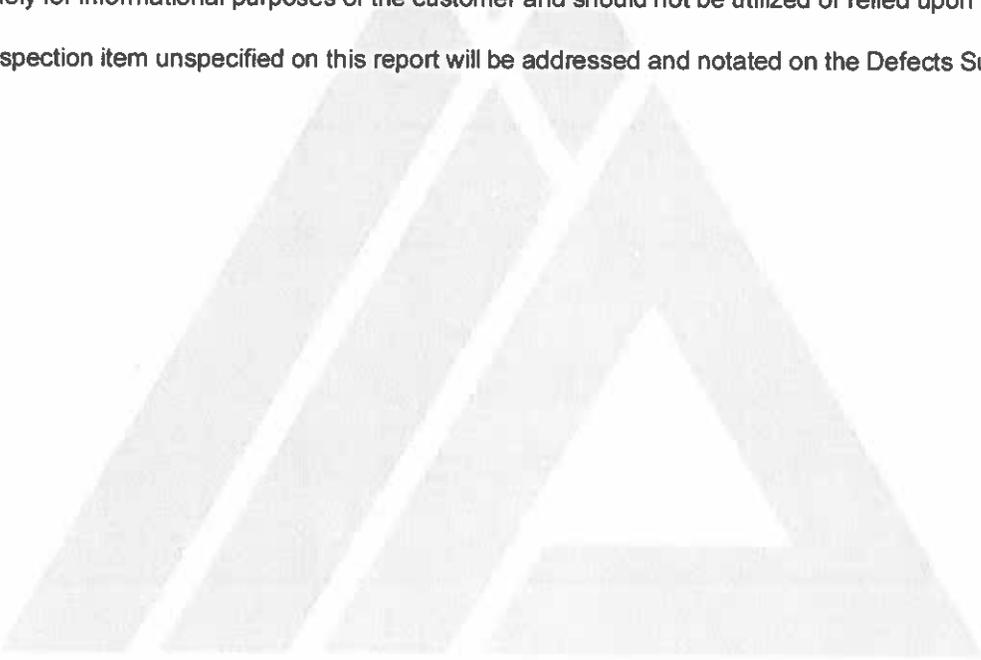
The information provided in this report is the result of the specific testing and inspection procedures conducted by Industrial Inspections & Analysis (IIA) and its subsidiaries, on the equipment and identified herein, as limited by the scope of work authorized by the customer. The Test Results reflect only the conditions of the components tested or inspected within the scope of work authorized. We have reviewed neither the maintenance records nor the actual use of the equipment before or after the date of the testing or inspection. No attempt has been made and no information is rendered with respect to any conditions of the equipment or any component other than as expressly stated in the written Test Results. Specifically, but without limitations, no information, testing or inspection services are rendered concerning equipment design, suitability of the equipment for any particular purpose or the future serviceability of the equipment.

The Test Results should not be construed as a statement that the equipment is safe or serviceable.

The information provided in this report is not a substitute for proper use, maintenance, modification, inspection and repair of the equipment, who shall assure safe operation of the equipment within its intended limitation.

Furthermore, nothing in the Test Results should be construed as a recommendation for corrective action and IIA has not and will not supervise corrective action of any condition found to exist, as such is the sole responsibility of the owner/operator and it is hereby expressly excluded from the scope of the work performed by IIA. The Test Results are intended solely for informational purposes of the customer and should not be utilized or relied upon by any other person.

Any inspection item unspecified on this report will be addressed and notated on the Defects Summary Page.



INDUSTRIAL®  
INSPECTIONS & ANALYSIS



### Unit Information

<b>Project No.:</b>	335	<b>Work Order No.:</b>	LS2425533-W01	
<b>Date:</b>	July 17, 2025	<b>Unit Type:</b>	Boom Truck	
<b>Customer:</b>	CONTRACTORS WEST	<b>Unit No.:</b>	153	
<b>Inspector:</b>	Todd Gribble	<b>Location (City,ST):</b>	MESA	AZ
<b>Supervisor / Contact:</b>	Stewart	<b>Division:</b>	N/A	

Device
TEREX
2001
RS60100
5920702100
100 FT
30 TON
N/A

**Manufacturer**  
**Year**  
**Model No.**  
**Serial No. / VIN No.**  
**Device Length / Engine Hours**  
**Device Capacity / Vehicle Mileage**  
**PTO Hours / Plate No. ( Number,ST )**

Chassis	
VOLVO	
2001	
ISM V	
4V5KC9UF12N328178	
N/A	
86,894	
CC-63760	AZ

**Rope & Block Inspection**  
in accordance to Applicable Standards and Codes Subpart CC

<b>Project No.:</b>	335	<b>Work Order No.:</b>	LS2425533-W01
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<b>Customer:</b>	CONTRACTORS WEST	<b>Unit No.:</b>	153
<b>Inspector:</b>	Todd Gribble	<b>Location ( City,ST ):</b>	MESA AZ

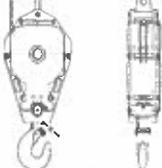
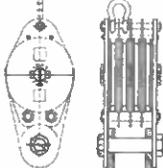
X = Acceptable R = Repair or Replace (See Defect Summary) N = Not Applicable

**Wire Rope Inspection**

Item	Type	Size	Construct.	Core	Rope Damage	Broken Wires	Measure Wear	End Connect.	Lube	Result
Hoist	IWRC	5/8	STEEL	Steel	NONE	NONE	.640	GOOD	GOOD	PASS
Pendant	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aux	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**Load Block & Hook**

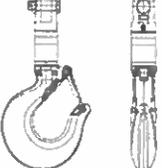
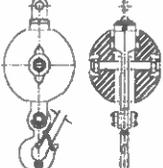
**Tackle Block**

Manufacturer: MCKISSICK		Manufacturer: N/A	
Serial No.: 0363063		Serial No.: N/A	
Rated Capacity: 30 TON		Rated Capacity: N/A	
Block Weight: 330 LBS		Block Weight: N/A	
Hook Tram Measuremen : 4.00		Other: N/A	

Inspection Detail	ID	Inspection Detail	ID
639. Capacity Marking	X	661. Capacity Marking	N
640. Weight Marking	X	662. Weight Marking	N
641. Sheave(s)	X	663. Sheave(s)	N
642. Safety Latches	X	664. Bearing	N
643. 0° Hook Bend or Twist	X	665. Wedge Socket / End Fitting	N
644. 5% Hook Opening or 1/4" Max	X	666. Reeving	N
645. 10% Hook Wear Max	X	667. NDT Results	N
646. Bearing	X	668. Other N/A	N
647. Wedge Socket / End Fitting	X	669. Other N/A	N
648. Reeving	X	670. Other N/A	N
649. NDT Results	X	671. Other N/A	N
650. Other	N	672. Other N/A	N

**Swivel Hook**

**Block & Tackle Pulley**

Manufacturer: N/A		Manufacturer: N/A	
Serial No.: N/A		Serial No.: N/A	
Rated Capacity: N/A		Rated Capacity: N/A	
Block Weight: N/A		Block Weight: N/A	
Hook Tram Measuremen N/A		Hook Tram Measuremen N/A	

Inspection Detail	ID	Inspection Detail	ID
651. Capacity Marking	N	673. Capacity Marking	N
652. Weight Marking	N	674. Weight Marking	N
653. Safety Latches	N	675. Safety Latches	N
654. 0° Hook Bend or Twist	N	676. 0° Hook Bend or Twist	N
655. 5% Hook Opening or 1/4" Max	N	677. 5% Hook Opening or 1/4" Max	N
656. 10% Hook Wear Max	N	678. 10% Hook Wear Max	N
657. Swivel / Bearing	N	679. Swivel / Bearing	N
658. Wedge Socket / End Fitting	N	680. Wedge Socket / End Fitting	N
659. NDT Results	N	681. NDT Results	N
660. Other N/A	N	682. Other N/A	N

## Boom Truck Crane Visual Inspection

In accordance to ASME B30.5 & OSHA 1926 Subpart CC CAL/OHSA Title 8 Section 5031\*

Project No.:	335	Work Order No.:	LS2425533-W01
Date:	July 17, 2025	Unit Type:	Boom Truck
Customer:	CONTRACTORS WEST	Unit No.:	153
Inspector:	Todd Gribble	Location ( City, ST ):	MESA AZ

X = Acceptable R = Repair or Replace (See Defect Summary) N = Not Applicable					
Inspection Detail		ID	Inspection Detail		ID
General		Chassis & Carrier (continued)			
285.	Guards / Covers	X	323.	Hand Signal Chart	X
286.	External Lights	X	324.	Exhaust System/Guards & Insulators	X
287.	Warning Decals	X	325.	Belts / Hoses	X
288.	Housekeeping	X	326.	Guards/Covers / Rotating / Parts	X
289.	Hand Signal Chart	X	327.	Other	N
290.	Other	N	<b>Outriggers</b>		
<b>Driver's Cab</b>			328.	Box & Beams	X
291.	Glass	X	329.	Weldments	X
292.	Windshield Wiper(s)	X	330.	Hydraulic Cylinders	R
293.	Mirrors	X	331.	Hoses / Tubing / Fittings	X
294.	Fire Extinguisher	X	332.	Holding Valves	X
295.	Seat	X	333.	Pad / Float	X
296.	Seat Belt(s)	X	334.	Caution / Warning Signs	X
297.	Power Take-Off	X	335.	Other	N
298.	Parking Brake	X	<b>Operator's Station</b>		
299.	Air Pressure	X	336.	Operator's Manual	X
300.	Instruments / Gauges	X	337.	Grab Rails / Steps / Platforms	X
301.	Electrical Switches Functions	X	338.	Door Restraint	N
302.	Horn	X	339.	Windows	N
303.	Steering	X	340.	Anti-Skid Surface	X
304.	Engine Clutch	X	341.	Fire Extinguisher	N
305.	Accelerator	X	342.	Electrocution Warning Sign	X
306.	Brake	X	343.	Controls Identified	X
307.	Defroster	X	344.	Controls - Forces / Movements	X
308.	Other	N	345.	Accelerator / Throttle Control	X
<b>Chassis &amp; Carrier</b>			346.	Horn	X
309.	Transmission	X	347.	Seat	X
310.	Drive Line	X	348.	Other	N
311.	Tires / Wheels	X	<b>Upper Structure</b>		
312.	Tire Air Pressure	X	349.	Turntable	X
313.	Main Frame Members	X	350.	Mounting	X
314.	Hydraulic Hoses / Tubing / Fittings	X	351.	Turret	X
315.	Hydraulic Fluid Level	X	352.	Hydraulic Pump(s)	X
316.	Anti-Skid Surface	X	353.	Hydraulic Hoses / Tubes / Fittings	X
317.	Guards / Covers	X	354.	Hydraulic Pressure	X
318.	Backup Alarm	X	355.	Electrical Wiring	X
319.	Guards / Covers	X	356.	Hoist Brake	X
320.	External Lights	N	357.	Hoist - Motor / Valves / Lines	X
321.	Warning Decals	X	358.	Hoist - Spooling	X
322.	Housekeeping	X	359.	Hoist - Minimum (2) Rope Wraps	X

## Boom Truck Crane Visual Inspection

In accordance to ASME B30.5 & OSHA 1926 Subpart CC CAL/OHSA Title 8 Section 5031\*

<b>Project No.:</b>	335	<b>Work Order No.:</b>	LS2425533-W01
<b>Date:</b>	July 17, 2025	<b>Unit Type:</b>	Boom Truck
<b>Customer:</b>	CONTRACTORS WEST	<b>Unit No.:</b>	153
<b>Inspector:</b>	Todd Gribble	<b>Location ( City,ST):</b>	MESA Todd Gribble

X = Acceptable R = Repair or Replace (See Defect Summary) N = Not Applicable

Inspection Detail		ID	Inspection Detail		ID
<b>Upper Structure (continued)</b>			<b>Jib / Extension (continued)</b>		
360.	Swing Gear Box	X	378.	Sheave(s)	N
361.	Electrocution Warning Sign	X	379.	Wire Rope Retainer(s)	N
362.	Other	N	380.	Structure	N
<b>Main Boom</b>			<b>Pins and Locking Devices</b>		
363.	Condition Of Steel	X	381.	Pins and Locking Devices	N
364.	Lift Cylinder(s)	X	382.	Other	N
<b>Telescoping Cylinder(s)</b>			<b>Load Chart</b>		
365.	Telescoping Cylinder(s)	X	383.	Per Configuration	X
366.	Hydraulic Hoses/Tubing & Fittings	X	384.	Durable	X
367.	Holding Device	X	385.	Legible	X
368.	Boom Section Alignment	X	386.	Visible From Operator's Station	X
369.	Wear Pads	X	387.	Secured	X
370.	Sheave(s)	X	388.	Other	N
371.	Hoist Line Dead End	X	<b>Safety Devices / Operational Aids</b>		
372.	Wire Rope Retainer	X	389.	Boom Angle Indicator	X
373.	Boom Hinge Pin	X	390.	Boom Length Indicator	X
374.	Boom Head Section	X	391.	Drum Rotation Indicator	X
375.	Structure	X	392.	Overload Protection	X
376.	Other	N	393.	Crane Level Indicator	X
<b>Jib / Extension</b>			394.	Anti-Two-Block Device	X
377.	Positive Stops	N	395.	Other	N

### Load Test

Boom Type	Radius	Angle	Boom Length	Rated Load	Proof Load	Outriggers	Boom Direction	Result
Main	75 FT	36 DEG	100 FT	1800 LB	1800 LBS	Yes	Rear	Pass
Jib	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



## Billing Summary

Project No.:	335	Work Order No.:	LS2425533-W01
Date:	July 17, 2025	Unit Type:	Boom Truck
Customer:	CONTRACTORS WEST	Unit No.:	153
Inspector:	Todd Gribble	Location (City,ST):	MESA AZ
Supervisor / Contact:	Stewart	Division:	N/A
Device Manufacture:	TEREX	Chassis Manufacture:	VOLVO
Serial No.:	5920702100	VIN No.:	4V5KC9UF12N328178
Device Model No.	RS60100	Chassis Model No.	ISM V
Length / Capacity:	100 FT	30 TON	Eng. Hours / Mileage: N/A 86,894
Plate No. (Number,ST):	CC-63760	AZ	Year / PTO Hours: 2001 N/A

### Inspection Frequency

## Annual

#### Tests Performed

Description	Completed	Description	Completed
Visual Test (VT)	Yes	Dielectric Test (DT)	No
Magnetic Particle (MT)	Yes	Upper Boom	No
Ultrasonic Test (UT)	No	Lower Boom	No
Acoustic Emission (AE)	No	Liner	No
Stability Load Test	No	Upper Control Handle	No
Load Test	Yes	Material Handling Jib	No

#### Additional Services Performed

Description	Completed	Description	Completed		
Material Handling Jib	N/A	Hoses	N/A		
Phase Lifting Jib	N/A	Live Line Tools	N/A		
Additional Liner	N/A	PM Service	N/A		
Additional Upper Control Handle	N/A	Decals and Placards*	N/A	Qty	N/A
Quadrennial Load Test	N/A	Filter	N/A	Qty	N/A
DOT Inspection	N/A	Grease or Lube	N/A	Qty	N/A
Clean and Wax	N/A	GFI Receptacle	N/A	Qty	N/A
Other*	N/A	GFI Cover	N/A	Qty	N/A

Notes or Parts Description: \*

## Defect Photos

Project No.:	335	Work Order No.:	LS2425533-W01
Customer:	CONTRACTORS WEST	Unit No.:	153

Item	Description*	Item	Description*
<b>No Defect Photos</b>			



# Defect Summary



<b>Project No.:</b>	335	<b>Work Order No.:</b>	LS2425533-W01
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<b>Customer:</b>	CONTRACTORS WEST	<b>Unit No.:</b>	153
<b>Inspector:</b>	Todd Gribble	<b>Location (City,ST):</b>	MESA AZ
<b>Supervisor / Contact:</b>	Stewart	<b>Division:</b>	N/A
<b>Device Manufacture:</b>	TEREX	<b>Chassis Manufacture:</b>	VOLVO
<b>Serial No.:</b>	5920702100	<b>VIN No.:</b>	4V5KC9UF12N328178
<b>Device Model No.</b>	RS60100	<b>Chassis Model No.</b>	ISM V
<b>Length / Capacity:</b>	100 FT 30 TON	<b>Eng. Hours / Mileage:</b>	N/A 100 FT
<b>Plate No. ( Number,ST ):</b>	CC-63760 AZ	<b>Year / PTO Hours</b>	2001 N/A

<b>Category I</b>	Those defects that are designated most serious. Defects in this category could cause a free-fall, free-rotation type incident or electrocution and are directly related to the operational safety of the device. We have recommended that the unit be removed from service until these items are repaired.
<b>Category II</b>	Those defects that could lead to downtime or a more costly repair.
<b>Category III</b>	Those defects that can be scheduled into a maintenance program and repaired at a later date: Not an operational or safety-related item.
<b>Category IV</b>	There were no defects found at the time of the inspection.

Index	Category	Description of Defect
Outriggers - 330.1	III	OUTRIGGER BEAMS EXTEND/RETRACT CYLINDERS AND JACK CYLINDERS ARE LEAKING AT RANDOM.