



Div of The Crane Industry Council of Australia ABN 73 002 565 773

No. ATC A 146958-10

PO Box 136 MOUNT WAVERLEY VIC 3149 P: +61 (03) 9501 0078 E: assessments@cranesafe.com.au

ALL TERRAIN CRANE Annual Report

ABN

Phone Email

Company	Allied Hire Pty Ltd
Address	1 Sir Henry Parkes Avenue MEDOWIE
State	NSW
Postcode	2318

Make	Liebherr
Model	LTM 1055/3.2
Serial Number	085123
Plant Number	55
Year of Manufacture	2011
Design Registration Number	NOT SUPPLIED AT
TIME OF THE INSPECTION Plant Registration	NOT SUPPLIED AT
TIME OF THE INSPECTION Road Registration	000000
Max Load	55000kg
Number of Axles	3
Lower Hours	3579
Upper Hours	7271
Kilometers	66243



Representative Mr Peter Riters

64 169 383 662

0428 401 848

priters@alliedcranehire.com.au

Country where	assessed	Australia	State	NSW
Operators Mar	nual in English	ОК		
Log Book Maintenance Records Crane Safety Manual		ОК		
		OK - last known services records Yes		
Reg. No.	NSW1078		Address	PO Box 306 SALAMANDER BAY

Reg. No.	NSW1078		Address	PO Box 306 SALAMANDER BAY
Phone	0418 465 4	169	State	NSW
Email	johnh@har	dingengineering.com.au	Postcode	2317
Initital Inspe	ction Date	25/03/2020	Issued Date	01/04/2020
Re-Inspectio	n Date	31/03/2020	Expiry Date	31/03/2021
Conformer				

Conforms to Checklist Yes

This report is confirmation that the crane has undergone an annual inspection to the appropriate standard and is considered safe for continued operation at time of inspection.

Accredited for compliance with ISO/IEC 17020 NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration and inspection reports © The Crane Industry Council of Australia 2009

BOOM AND ATTACHMENTS

Base Section	ОК
No. 1 Section	OK
No. 2 Section	OK
No. 3 Section	OK
No. 4 Section	OK
No. 5 Section	N/A
Additional Sections	N/A
Head Sheaves and bearings	OK
Idler Sheave and Bearing	OK
Rooster Sheave and Bearing	N/A
Extension / Fly Jib Mounts	OK
Shimming and Alignment	OK
Boom Lift Cylinders	OK
Lock Valve(s)	OK
Extension Cylinders	ОК
Lock Valve(s)	ОК
Extend Ropes / Chains	N/A
Retract Ropes / Chains	N/A
Boom Length Recoil Drum(s)	OK
Mechanical Boom Angle Indicator	N/A
Fixed Jib	N/A
Luffing Jib(s)	N/A
Masts	N/A
Suspension Ropes	N/A
Suspension Straps / Tubes	N/A
Load Cell	N/A N/A
Recoil Drums	N/A N/A
Superlift Superlift Winch	N/A
Superlift Winch	N/A
Superlift Winch Brakes	N/A
Boom / Attachments / Electrics	N/A
Proximity Switches	OK
Boom Pinning System	OK
Extension / Fly Jib	OK
Sheaves and Bearings	OK
Anemometer	N/A
ANTI-TWO BLOCKS	
Boom Head	OK
Rooster Sheave	N/A
Extension / Fly	OK
HOOK BLOCKS - WITH CRANE	
Description	Single fall - Needed restrip
Туре	5
Manufacturers Identification	OK - 292998-04
Branded WLL (kg)	OK 6000kg
Safety Latches	OK
Sheaves and Bearings	N/A
Swivel	OK
Branded with Tare Weight (kg)	OK 75kg
	OR / Skg
HOOK BLOCKS - WITH CRANE No. 2	
Description	32t block
Туре	
Manufacturers Identification	OK - 295228
Branded WLL (kg)	OK 32000kg
Safety Latches	ОК
Sheaves and Bearings	OK - 3
Swivel	ОК
Branded with Tare Weight (kg)	OK 280kg

REVOLVING FRAME AND CABIN

SLEW SYSTEM

MAIN WINCH

Winch Condition & Oil Level Leaks Rope Spooling Mounts Brake Caliper and Disc Friction Pads Brake Operation Drum Turn Indicator Main Wire Rope Rope Socket and Pins Correct Assembly and Connection of Hoist Rope Socket	OK OK OK N/A N/A OK OK OK OK
Drum Locking Pawl Mechanism Clutch Linings and Cylinder Protection	N/A N/A

AUXILIARY WINCH - NA

[[reportTextBelow]]

HYDRAULIC SYSTEM

Hydraulic Reservoir & Oil Level	OK
Return Filters and Housing	OK
Suction Lines and Hoses	OK
Oil Cooler(s)	OK
Main Pump(s)	OK
Slew Pump	OK
Steering Pump	OK
Pilot Pump	OK
Relief Valves	OK
Pressure Filter and Housing	OK
Slew Motor	OK
Slew Valve	OK
Main Winch Motor	OK
Auxiliary Winch Motor	N/A
Main Winch Valve	OK
Auxiliary Winch Valve	N/A
Boom Lift Valve	OK
Boom Extension Valve	OK
Pressure Lines and Hoses	OK
Power Steering Cylinders	OK
Vertical Outrigger Cylinders	OK
Horizontal Outrigger Cylinders	OK
Outrigger Control Valves	OK
Outrigger Lock Valves	OK
Counterweight Lift Cylinder	OK

AIR SYSTEMS

Compressor Air Reservoirs Drain Valves	OK OK OK
Air Lines	OK
Brake Chambers	OK
Brake Valves	OK
Air Cylinders	OK
Air Dryer	OK

CHASSIS INSPECTION

ОК
ОК
OK - Rear steering cylinder is wet
OK
N/A
OK
ОК
OK
N/A
OK

ELECTRICAL SYSTEMS

Battery Box	OK
Battery Cables	OK
Battery Isolator	OK
Starter	OK
Head Lights	OK
Tail Lights	OK
Stop Lights	OK
Directional indicators	OK - Right hand blinker lense is broken on rear
Hazard Lights	OK
Clearance Lights	OK
Switches and Relays	ОК
Rotating Beacon(s)	ОК
Reverse Alarm	ОК
Horn for Road Travel	OK

DRIVE SYSTEMS

Radiator & Coolant Level Radiator Hoses Fan Fan Guard Oil Cooler(s) Fuel Lines Throttle Engine Mounts Power Transmission Belts Muffler / Spark Arrestor Engine Oil Pressure & Oil Level Abnormal Engine Noises Fuel Tank & Diesel Level Power Shift / Range Shift Drive Coupling Transmission Noise Leaks Pump Drives Pump Disconnects (PTO) Output Coupling Engine Braking Transmission Retarder Telma Brake ABS Brakes	OK OK OK OK OK OK OK OK OK OK OK OK OK O
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SUPERSTRUCTURE DRIVE SYSTEM - NA

[[reportTextBelow]]

CARRIER CABIN

Cab Glass and Mirrors	OK
Sheet Metal and Guarding	OK
Seat and Assembly including Seat Belts	OK
Throttle	OK
Foot Brake	OK
Clutch Pedal	N/A
Steering Wheel Free Play	OK
Decals / Signs - In English	OK
Heater	OK
Air Conditioner	OK
Gauges	OK
Indication and Warning Lights	OK
Windscreen Wiper / Washer	OK
Exhaust / Telma Brakes	OK

FUNCTIONAL TESTS - MAIN WINCH

Rated Capacity Indicator (RCI) Load Chart Reference Number Printed Chart - No Load

0005 5500kg counterweight OK

	Printed Chart	Rated Capacity Indicator
Boom Angle, deg	54.30°	54.40°
Boom Length, m	40.00m	40.00m
Radius, m	22.00m	22.00m
Load, kg	2600kg	2600kg

RCI Load Cha	arts	75%	6
Rated Capac	city Limiter (RCL)		
Load Chart F	Reference Number	000)5
Rated Load -	Boom Fully Extended	OK	
	Pated Canacity		

	Rated Capacity Mea Indicator	
Radius, m	26.10m	26.00m
Load, kg	1700kg	1195kg

Rated	load	in	Stability
naleu	LUau		SLADIILY

Rated Load in Stability Ok					
	Rated Capacity Indicator	Measured			
Radius, m	22.00m	22.00m			
Load, kg	2600kg	1195kg			

Line Pull Test

ΟК

ОК

	Rated Capacity Indicator	Measured
Load, kg	4500kg	4500kg

Winch Brake Test

	Rated Capacity Indicator	Measured
Load, kg	4500kg	4500kg

Overload Warning Lights and Alarms	OK
Rated Capacity Limiter Fitted (Overload	OK
Limiter)	

FUNCTIONAL TESTS - AUXILIARY WINCH - NA

[[reportTextBelow]]

CRACK INSPECTION

No Cracks Detected

OK - Visual only

Any third party testing is not included in the Crane**Safe** NATA accreditation.

ADDITIONAL ANNUAL INSPECTIONS STIPULATED BY THE MANUFACTURER - NA

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APPENDICES CRANE



Serial Number

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Lower Hours

Model

© The Crane Industry Council of Australia 2009





Upper Hours

Kilometers

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ASSESSMENT

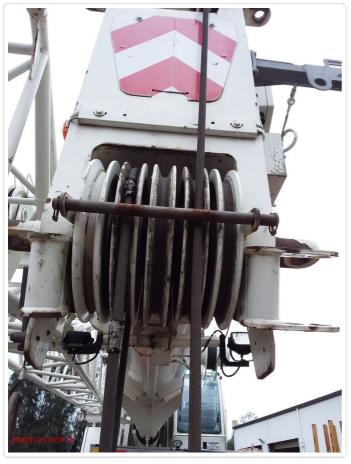
	_			
	1			
CRANE				
MOBILE PLANT - DAILY PRE-ST		ECKLIST	-	401
Machine Type FORK LIFT		OBILE CRANE	TELEHANDLER	
PORK LIFT C		OBILL CIDATL _		
MAKE	REGO N	UMBER	UNIT NUMBER	
55T Liebherr a	5 47	WH	55	
INSPECTION/CHECK		INCO	ECTION/CHECK	×
Walk Around Check:	X or √	Engine Check:	echowieneen	
Tyres		Radiator		
Water Leaks	R	Fan belt		
Oil Leaks	P	Battery		
 Missing/Broken/Damaged Parts 	D	Engine oil lev	el	
 Do pivot points look greased 	U	Hydraulic oil I	Level	
Load chart/plate	Dr.	Brake Fluid		
Steps, safety rails	Ľ	Air Service Inc		
Pedals free from grease	Q.	Fuel Level/LPG	G gas pressure	1
Mirrors		After Starting		
Seatbelt condition	<u> </u>	Warning light		
Wire rope condition	9	Brakes, parking	ng brake	
Sheaves and pulleys Safety Hook	9	Clutch		
Lifting equipment		Gauges		
Boom Condition, safety pins	9		erations/controls	
Fire extinguisher	9	Motor	and the second	
		Steering	and the second	
Operating Manual	e er	Ram seals for	leaks	
Amber flashing light		• Horn		
Mast, carriage		 Limit switche 		
Forks, locking pins	NDA	 Fork adjustm 		
Lifting assembly and chains			ase controls (EWP)	
 Hydraulic hoses, unions, cylinders etc. 		 Emergency d 	ecent control (EWP)	
 Overhead guard, truck body, FROP's & ROP 		 Outriggers/st 	tabilisers	
Condition of Cab	Ľ	Guardrail sys	item	
Condition of windscreen		Manufacture	er specified items	
1	nenection	Close Out	i i i i i i i i i i i i i i i i i i i	_

BOOM AND ATTACHMENTS

Log Book

Proximity Switches





Sheaves and Bearings

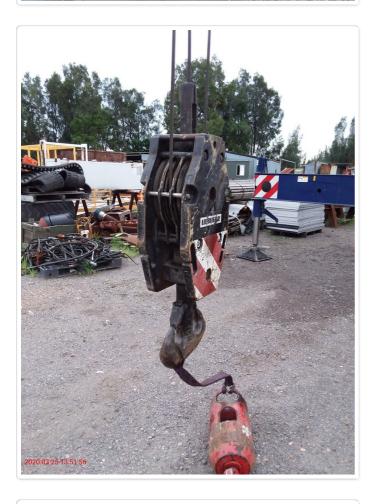
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Description

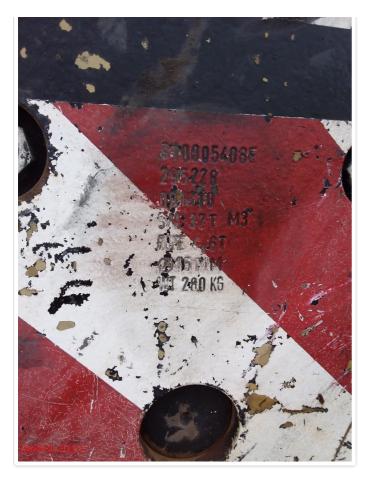
Description



Manufacturers Identification

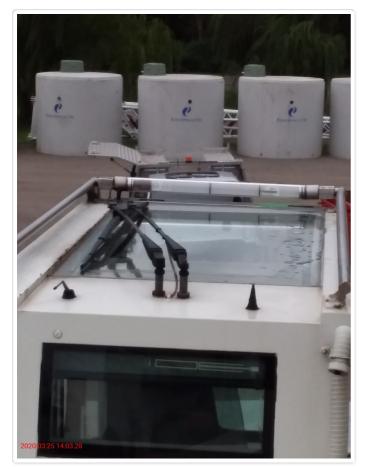
Description

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Manufacturers Identification

REVOLVING FRAME AND CABIN



SLEW SYSTEM

Roof Wiper

Electrical Swivel





Electrical Swivel

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Electrical Swivel

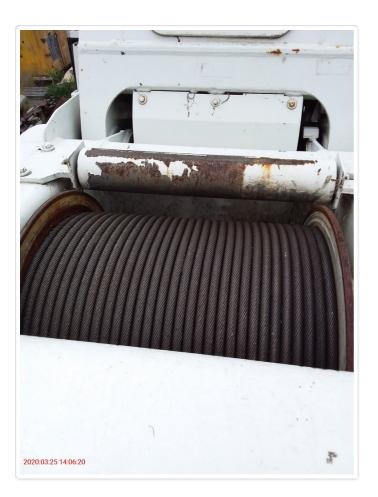


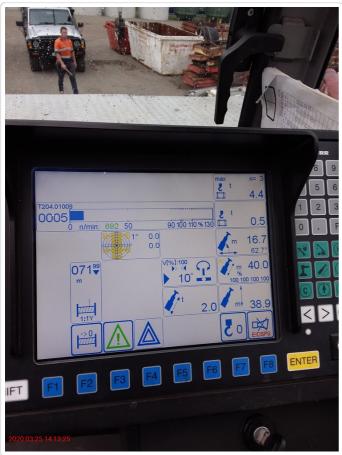
MAIN WINCH



Winch Condition & Oil Level

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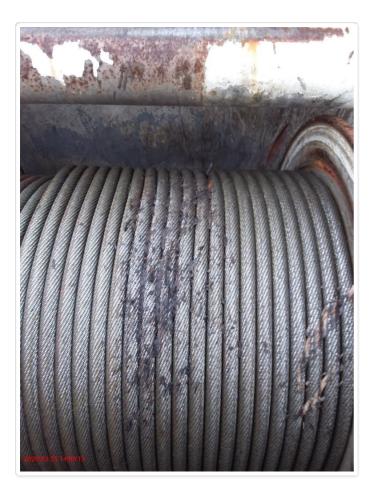




Rope Spooling

Drum Turn Indicator

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Main Wire Rope

Correct Assembly and Connection of Hoist Rope Socket

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HYDRAULIC SYSTEM



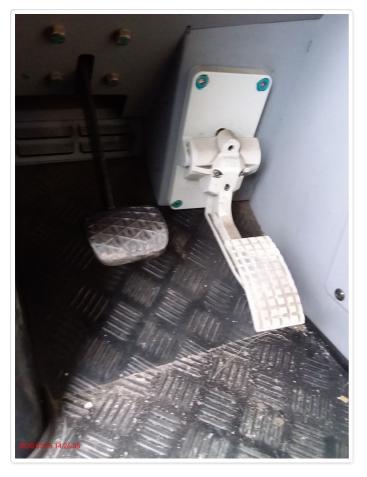


Return Filters and Housing Under the cover

Boom Lift Valve

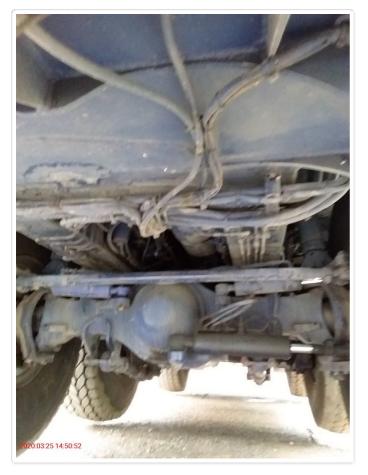
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AIR SYSTEMS



Brake Valves

CHASSIS INSPECTION



ELECTRICAL SYSTEMS

Frame M!





Head Lights

Directional indicators

DRIVE SYSTEMS



Oil Cooler(s)

Fuel Lines

© The Crane Industry Council of Australia 2009

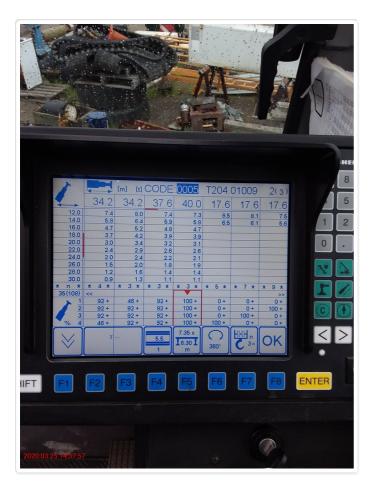
CARRIER CABIN



FUNCTIONAL TESTS - MAIN WINCH

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Air Conditioner





Load Chart Reference Number

Rated Load - Boom Fully Extended - Load Measured

© The Crane Industry Council of Australia 2009

No. ATC A 146958-10 Rated Load - Boom Fully Extended - Load RCI





Line Pull Test - Load RCI

© The Crane Industry Council of Australia 2009

Line Pull Test - Load Measured



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Accreditation no. 19898

Certificate No: NSW146958



CERTIFICATE OF ANNUAL INSPECTION AND TESTING All Terrain Crane

Inspection Date: 31/03/20 Renewal Date: 31/03/2021

Issued Date: 01/04/2020

Location of Inspection: Not due for inspection

Crane Owner: Allied Hire Pty Ltd

Address: 1 Sir Henry Parkes Avenue MEDOWIE, 2318, NSW, Australia

Crane Make: Liebherr Crane Model: LTM 1055/3.2 Crane Serial Number: 085123 **YOM:** 2011 Hours: 7271



Inspection in accordance with: AS2550.1 & AS2550.5 EN (FEM&ISO) JIS

Codes of Practice Manufacturer's Instructions.

Inspection Comments:

This certificate is confirmation that the crane has undergone an annual inspection to the appropriate standard and is considered safe for continued operation at time of inspection.

Signed:

CraneSafe Assessor No:: NSW1078

Printed Name: John Harding

CraneSafe Assessment No: ATC A 146958-10

Accredited for compliance with ISO/IEC 17020

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Accreditation no. 19898

Certificate No: NSW146958

Crane**Safe**

LOAD INDICATOR CERTIFICATION

All Terrain Crane

Annual Inspection Date: 01/04/2020 Crane Owner: Allied Hire Pty Ltd Address: 1 Sir Henry Parkes Avenue MEDOWIE, 2318, NSW, Australia

Crane Make: Liebherr Crane Serial Number: 085123 Crane Model: LTM 1055/3.2 **YOM:** 2011 **Hours:** 7271

Rated Capacity Indicator (RCI) Load Chart Reference Number **Printed Chart - No Load**

Printed Chart Indicator 54.30 54.40 Boom Angle, deg 40.00 40.00

0005 5500kg counterweight

Rated Capacity Boom Length, m 22.00 22.00 Radius, m Load, kg 2,600.00 2.600.00

Rated Capacity Limiter (RCL) Load Chart Reference Number Rated Load - Boom Fully Extended

0005

Rated Load in Stability

Winch Brake Test

	Rated Capacity Indicator	Measured		Rated Capacity Indicator	Measured
Radius, m	26.10	26.00	Radius, m	22.00	22.00
Load, kg	1,700.00	1,195.00	Load, kg	2,600.00	1,195.00

Line Pull Test

	Rated Capacity Indicator	Measured	╡┟		Rated Capacity Indicator	Measured
Load, kg	4,500.00	4,500.00		Load, kg	4,500.00	4,500.00

At the time of test, the load indicator was reading in accordance with the requirements of AS1418.1 & AS1418.5 and the load charts supplied with the crane

Mailun

Signed:

CraneSafe Assessor No:: NSW1078

Printed Name: John Harding

CraneSafe Assessment No: ATC A 146958-10

Issued Date:: 01/04/2020

Accredited for compliance with ISO/IEC 17020

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SUPPORTING INFORMATION