



ALL TERRAIN CRANE Annual Report

ATC A 209403-16



CraneSafe®

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

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

Initial Inspection Date: 16/12/2025

Conforms to Checklist: Yes

Issued Date: 17/12/2025

Next Inspection Date: 15/01/2027

INSPECTED FOR & OWNED BY

Metcalf Crane Services Pty Ltd

ABN 43 076 537 749

PO Box 54 SOMERTON

VIC 3062

REPRESENTATIVE

Mr. Tim Metcalf

03 9308 0044

workshop@metcalfcranes.com.au



Liebherr LTM 1040-2.1

LOWER HOURS
364

UPPER HOURS
1154

KILOMETERS
8220

SERIAL NUMBER
082 903

PLANT NUMBER
N/A

MAX LOAD
40000 kg

NUMBER OF AXLES
2

DESIGN REGISTRATION NO.
CR 6-145363/11

PLANT REGISTRATION NO.
NOT REQUIRED IN
VICTORIA

ROAD REGISTRATION
N/A

YOM
2023

Assessed By

Name John Carroll

Phone 0418 508 870

Company Jatco Engineering VIC Pty Ltd

Reg No. VIC1017

Email info@jatco.com.au

Address PO Box 260 BALLARAT VIC 3353

Assessment

Country Where Assessed	Australia	State	VIC
Operators Manual in English	OK	Log Book	OK
Maintenance Records	OK	Crane Safety Manual	No
Major Inspection Report Sighted	No		

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. This report is confirmation that the crane has undergone a visual inspection on the date(s) stated and meets the standards of the CICA assessment program at the time of inspection. The CICA annual inspection is in addition to and does not replace pre-operation and routine inspections, maintenance and repairs necessary to comply with work, health and safety laws and requirements. In no event shall either CICA or CICA Endorsed Assessors be liable for any direct, indirect, punitive, incidental, special or consequential damages, including but not limited to loss of income, revenue, opportunity, goodwill, profit, anticipated saving or value of equipment arising out of or in any way connected with the use of the services, whether based on contract, tort, strict liability or otherwise, even if advised of the possibility of any such damages. This report is provided solely for the benefit of the Company named on its face. No other person is entitled to rely on anything contained in this Report and must make and rely solely on their own inspection and assessment in all respects and for all purposes.

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

All CICA forms, checklists, surveys, audits and reports together with the embedded methodology contained within are the intellectual property of The Crane Industry Council of Australia and may not be used without The Crane Industry Council of Australia's prior written consent.

© The Crane Industry Council of Australia 2025

Boom and Attachments

Base Section	OK	Luffing Jib(s)	N/A
No. 1 Section	OK	Masts	N/A
No. 2 Section	OK	Suspension Ropes	N/A
No. 3 Section	OK	Suspension Straps / Tubes	N/A
No. 4 Section	N/A	Load Cell	OK
No. 5 Section	N/A	Recoil Drums	OK
Additional Sections	N/A	Superlift	N/A
Head Sheaves and bearings	OK	Superlift Winch	N/A
Idler Sheave and Bearing	OK	Superlift Winch Brakes	N/A
Rooster Sheave and Bearing	N/A	Boom / Attachments / Electrics	OK
Extension / Fly Jib Mounts	OK	Proximity Switches	OK
Shimming and Alignment	OK	Boom Pinning System	N/A
Boom Lift Cylinders	OK	Extension / Fly Jib	N/A
Lock Valve(s)	OK	Sheaves and Bearings	OK
Extension Cylinders	OK	Anemometer	OK
Lock Valve(s)	OK	Boom Hazard Striping	OK
Extend Ropes / Chains	OK	Main Hoist Rope Socket and Pins	OK
Retract Ropes / Chains	OK	Correct Assembly and Connection of	OK
Boom Length Recoil Drum(s)	OK	Hoist Rope Socket	
Mechanical Boom Angle Indicator	N/A	Auxiliary Hoist Rope Socket and Pins	N/A
Fixed Jib	N/A	Correct Assembly and Connection of	N/A
		Auxiliary Hoist Rope Socket	

ANTI-TWO BLOCKS

Boom Head	OK
Rooster Sheave	N/A
Extension / Fly	N/A

HOOK BLOCKS - WITH CRANE

Description	25t hook block	Manufacturer's Identification	OK
		1734	
Branded WLL (kg)	OK	Safety Latches	OK
25000kg		Sheaves and Bearings	OK
		3	
Swivel	OK	Hook Shank Retainer	OK
Branded with Tare Weight (kg)	OK		
165kg			

Revolving Frame and Cabin

Frame	OK	Heater	OK
Counterweight Attachment - Security	OK	Air Conditioner	OK
Counterweight Hazard Striping	OK	Gauges	OK
Boom Mounting Lugs	OK	Anti-Two block Alarms	OK
Boom Mounting Pins	OK	Horn	OK
Lift Cylinder Lugs	OK	Access Steps	OK
Lift Cylinder Pins	OK	Doors and Locks	OK
Cab Glass and Mirrors	OK	Crane Level Indicator	OK
Sheet Metal / Guards	OK	Outrigger Controls	OK
Seat Assembly	OK	Cab Mounts	OK
Throttle	OK	Front Wiper	OK
Dead Man Controls	OK	Roof Wiper	OK
Free Fall Lockout	N/A	Windscreen Wiper / Washer	OK
Decals / Signs - In English	OK	Switches and Relays	OK
Load Charts in English as per AS1418	OK	Upper Steering	OK
Control Levers - Clearly Marked	OK	Upper Braking	OK
Control Cables / Pilot Hoses	OK		

Slew System

Slew Transmission & Oil Level	OK	Base Weld	OK
No Leaks Present	OK	Smooth Operation	OK
Swing Brake	OK	Rotary Coupling	OK
Lock Valve(s)	OK	Slew Bolts	OK
House Lock	OK	Excessive Bearing Play	OK
Slew Pinion	OK	Excessive Backlash	OK
Slew Gear	OK	Electrical Swivel	OK
Slewing Ring	OK		

Main Winch

Winch Condition & Oil Level	OK	Brake Operation	OK
No Leaks Present	OK	Drum Turn Indicator	OK
Rope Spooling	OK	Main Wire Rope	OK
Winch Attachment, Pins / Bolts	OK	Correct Assembly and Connection of Hoist Rope Anchor	OK

Auxiliary Winch

N/A

Hydraulic System

No Hydraulic Leaks Present	OK	Main Winch Motor	OK
Hydraulic Reservoir & Oil Level	OK	Auxiliary Winch Motor	N/A
Return Filters and Housing	OK	Main Winch Valve	OK
Suction Lines and Hoses	OK	Auxiliary Winch Valve	N/A
Oil Cooler(s)	OK	Boom Lift Valve	OK
Main Pump(s)	OK	Boom Extension Valve	OK
Slew Pump	OK	Pressure Lines and Hoses	OK
Steering Pump	OK	Power Steering Cylinders	OK
Pilot Pump	OK	Vertical Outrigger Cylinders	OK
Relief Valves	OK	Horizontal Outrigger Cylinders	OK
Pressure Filter and Housing	OK	Outrigger Control Valves	OK
Slew Motor(s)	OK	Outrigger Lock Valves	OK
Slew Valve	OK	Counterweight Lift Cylinder	OK

Air Systems

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

Chassis Inspection

Frame	OK	Markings For Alternate Outrigger Widths	OK
Suspension System	OK	Outrigger Hazard Striping	OK
Steering Components	OK	Sheet Metal / Guards	OK
Driving Axles	OK	Decals / Signs - In English	OK
Non Driving Axles	OK	Doors and Locks	OK
Differentials	OK	Outrigger Controls and Labeling	OK
Planetary Drives	OK	Axle Levelling for Road Travel	OK
Drive Lines	OK	Crane Levelling System	OK
Brake(s)	OK	Condition of Tyres	OK
Parking Brake	OK	Appropriate Earthing	OK
Outrigger Boxes	OK	Earth Strap	OK
Outrigger Beams	OK	Fire Extinguisher	OK
Outrigger Pads	OK		

Electrical Systems

Battery Box	OK	Directional indicators	OK
Battery Cables	OK	Hazard Lights	OK
Battery Isolator	OK	Clearance Lights	OK
Starter	OK	Switches and Relays	OK
Head Lights	OK	Rotating Beacon(s)	OK
Tail Lights	OK	Reverse Alarm	OK
Stop Lights	OK	Horn for Road Travel	OK

Drive Systems

Radiator & Coolant Level	OK	Fuel Tank & Diesel Level	OK
Radiator Hoses	OK	Power Shift / Range Shift	OK
Fan	OK	Drive Coupling	OK
Fan Guard	OK	Abnormal Transmission Noise	OK
Oil Cooler(s)	OK	No Leaks Present	OK
Fuel Lines	OK	Pump Drives	OK
Throttle	OK	Pump Disconnects (PTO)	OK
Engine Mounts	OK	Output Coupling	OK
Power Transmission Belts	OK	Engine Braking	OK
Muffler / Spark Arrestor	OK	Transmission Retarder	OK
Engine Oil Pressure & Oil Level	OK	Telma Brake	OK
No Abnormal Engine Noises Present	OK	ABS Brakes	OK

Superstructure Drive System

N/A

Carrier Cabin

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

Functional Tests - Main Winch

Rated Capacity Indicator (RCI)

Load Chart Reference Number Code 0008

Printed Chart - No Load OK

	Printed Chart	RCI
Boom Angle, deg	N/A°	N/A°
Boom Length, m	35.00m	35.00m
Radius, m	10.00m	10.00m
Load, kg	5700kg	5700kg

RCI Load Charts 75%

Rated Capacity Limiter (RCL)

Load Chart Reference Number Code 0008

Rated Load - Boom Fully Extended OK

	RCI	Measured
Radius, m	18.00m	18.00m
Load, kg	2100kg	1685kg

Rated Load in Stability OK

	RCI	Measured
Radius, m	18.00m	18.00m
Load, kg	2100kg	1685kg

Line Pull Test OK

	RCI	Measured
--	-----	----------

Load, kg	3400kg	3045kg
----------	--------	--------

Winch Brake Test OK

	RCI	Measured
1. Overall	0.82	0.82
2. Internal consistency	0.82	0.82
3. Reliability	0.82	0.82
4. Validity	0.82	0.82
5. Stability	0.82	0.82
6. Generalizability	0.82	0.82
7. Inter-rater reliability	0.82	0.82
8. Intra-rater reliability	0.82	0.82
9. Test-retest reliability	0.82	0.82
10. Construct validity	0.82	0.82
11. Content validity	0.82	0.82
12. Criterion validity	0.82	0.82
13. Concurrent validity	0.82	0.82
14. Predictive validity	0.82	0.82
15. Face validity	0.82	0.82
16. Method validity	0.82	0.82
17. Sampling validity	0.82	0.82
18. Measurement validity	0.82	0.82
19. Analysis validity	0.82	0.82
20. Interpretation validity	0.82	0.82
21. Reporting validity	0.82	0.82
22. Publication validity	0.82	0.82
23. Research validity	0.82	0.82
24. Practice validity	0.82	0.82
25. Policy validity	0.82	0.82
26. Legal validity	0.82	0.82
27. Ethical validity	0.82	0.82
28. Professional validity	0.82	0.82
29. Academic validity	0.82	0.82
30. Public validity	0.82	0.82
31. Global validity	0.82	0.82
32. Cultural validity	0.82	0.82
33. Language validity	0.82	0.82
34. Measurement validity	0.82	0.82
35. Analysis validity	0.82	0.82
36. Interpretation validity	0.82	0.82
37. Reporting validity	0.82	0.82
38. Publication validity	0.82	0.82
39. Research validity	0.82	0.82
40. Practice validity	0.82	0.82
41. Policy validity	0.82	0.82
42. Legal validity	0.82	0.82
43. Ethical validity	0.82	0.82
44. Professional validity	0.82	0.82
45. Academic validity	0.82	0.82
46. Public validity	0.82	0.82
47. Global validity	0.82	0.82
48. Cultural validity	0.82	0.82
49. Language validity	0.82	0.82
50. Measurement validity	0.82	0.82
51. Analysis validity	0.82	0.82
52. Interpretation validity	0.82	0.82
53. Reporting validity	0.82	0.82
54. Publication validity	0.82	0.82
55. Research validity	0.82	0.82
56. Practice validity	0.82	0.82
57. Policy validity	0.82	0.82
58. Legal validity	0.82	0.82
59. Ethical validity	0.82	0.82
60. Professional validity	0.82	0.82
61. Academic validity	0.82	0.82
62. Public validity	0.82	0.82
63. Global validity	0.82	0.82
64. Cultural validity	0.82	0.82
65. Language validity	0.82	0.82
66. Measurement validity	0.82	0.82
67. Analysis validity	0.82	0.82
68. Interpretation validity	0.82	0.82
69. Reporting validity	0.82	0.82
70. Publication validity	0.82	0.82
71. Research validity	0.82	0.82
72. Practice validity	0.82	0.82
73. Policy validity	0.82	0.82
74. Legal validity	0.82	0.82
75. Ethical validity	0.82	0.82
76. Professional validity	0.82	0.82
77. Academic validity	0.82	0.82
78. Public validity	0.82	0.82
79. Global validity	0.82	0.82
80. Cultural validity	0.82	0.82
81. Language validity	0.82	0.82
82. Measurement validity	0.82	0.82
83. Analysis validity	0.82	0.82
84. Interpretation validity	0.82	0.82
85. Reporting validity	0.82	0.82
86. Publication validity	0.82	0.82
87. Research validity	0.82	0.82
88. Practice validity	0.82	0.82
89. Policy validity	0.82	0.82
90. Legal validity	0.82	0.82
91. Ethical validity	0.82	0.82
92. Professional validity	0.82	0.82
93. Academic validity	0.82	0.82
94. Public validity	0.82	0.82</

Load, kg	3400kg	3045kg
----------	--------	--------

RCL Warning Lights and Alarms OK

Rated Capacity Limiter Fitted OK

Functional Tests - Auxiliary Winch

N/A

Crack Inspection

No Cracks DetectedOK

Any third party testing is not included in the CraneSafe NATA accreditation.

Manufacturer Additional

N/A

Site Requirements

N/A

Crane



Model



Serial Number



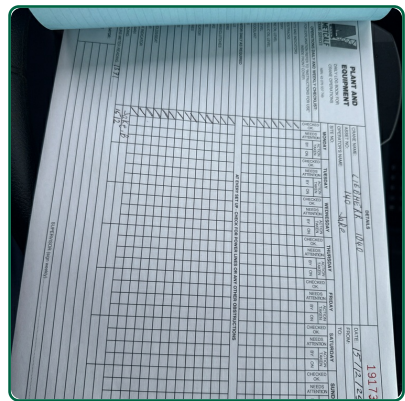
Lower Engine Hours



Upper Engine Hours



Kilometers



U140 service report 19.09.2025.pdf

Maintenance Records

Boom and Attachments



Head Sheaves and bearings



Idler Sheave and Bearing



Boom Lift Cylinders



Boom Length Recoil Drum(s)



Sheaves and Bearings



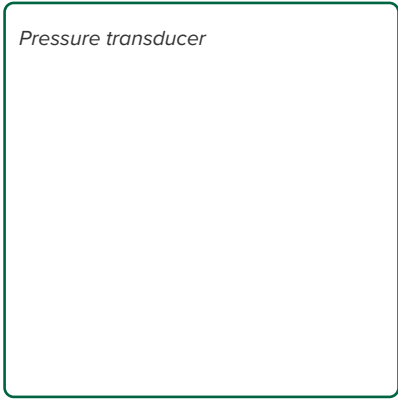
Boom Hazard Striping



Main Hoist Rope Socket and Pins



Correct Assembly and Connection of Hoist Rope Socket



Pressure transducer

Load Cell

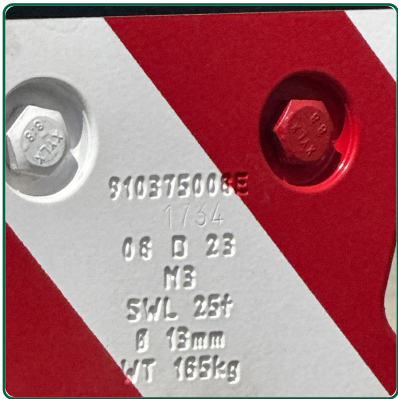


Not fitted at the time of inspection

Anemometer



Description



Manufacturer's Identification



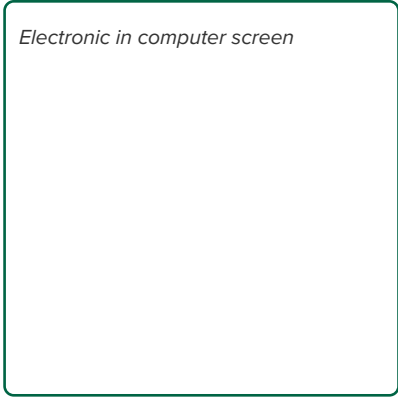
Hook Shank Retainer



Manufacturer's Identification

Revolving Frame and Cabin

Slew System



Crane Level Indicator



Swing Brake

Main Winch

Incorporated into super structure

Winch Attachment, Pins / Bolts



Correct Assembly and Connection of Hoist Rope Anchor

Hydraulic System

Working satisfactory at the time of inspection

Boom Lift Valve

Air Systems

Brake Valves



Brake Valves



Working satisfactory at the time of inspection

Driving Axles



Earth Strap



Rotating Beacon(s)



Transmission Retarder



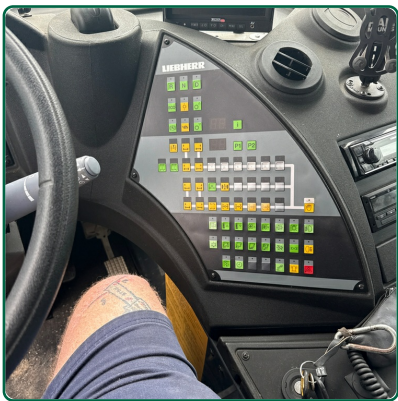
Transmission Retarder

Checked at pre start

Radiator & Coolant Level



Seat and Assembly including
Seat Belts



Indication and Warning Lights



Seat and Assembly including
Seat Belts

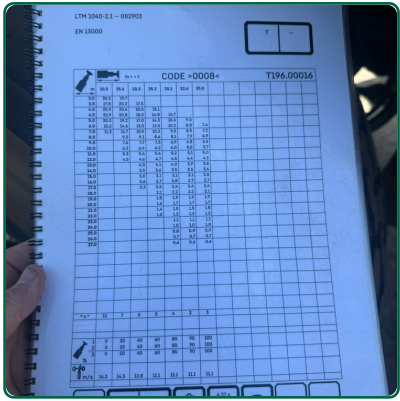


Indication and Warning Lights



Exhaust / Telma Brakes

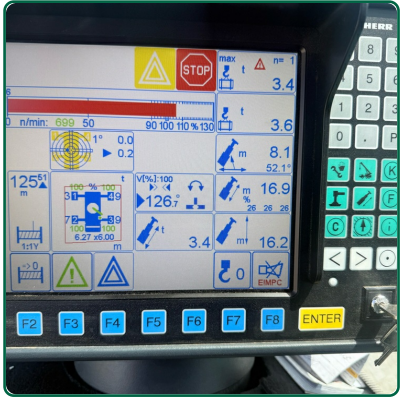
Functional Tests - Main Winch



Load Chart Reference Number



Line Pull Test



Load



Load

3045kg+hook block and rigging
line pull test satisfactory



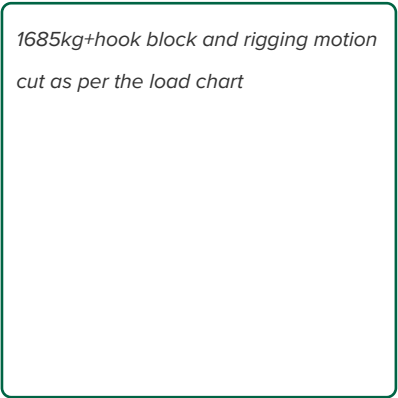
RCL Warning Lights and Alarms



Rated Load - Boom Fully
Extended



Load



Rated Capacity Limiter Fitted

1685kg+hook block and rigging motion
cut as per the load chart



Load

Crack Inspection

No visual cracks at the time of inspection

No Cracks Detected



Accreditation no. 19898

Company Name:	Metcalf Crane Services Pty Ltd	Crane Serial No.:	082 903
Crane Make & Model:	Liebherr LTM 1040-2.1	Year of Manufacture:	2023
Length of Rope:	163.00m	Wire Rope Application:	Main Hoist
Rope Construction:	Vera top 13 mm	Rope Termination (End 1):	Swaged End Fitting
Surface Finish:	Uncoated	Rope Termination (End 2):	Wedge Type Socket
Direction of Rope Lay:	Ordinary Right Hand Lay	Rope Diameter:	13.00mm
Decision:	Pass		



Position Inspected (approx. metres)		10	33	56	79	102	125
Number of Visible Wire Breaks (over a length of 6x the rope's dia) AS2759-2004 Clause 14.4		0	0	0	0	0	0
Degree of Damage and Deformation of Rope AS2759-2004 Clause 14.13		0	0	0	0	0	0
Abrasion of Outer Wires AS2759-2004 Clause 14.9	Degree of Deterioration	0	0	0	0	0	0
Corrosion AS2759-2004 Clause 14.8	Degree of Deterioration	0	0	0	0	0	0
Reduction of Rope Diameter AS2759-2004 Clause 14.9	Measurement (mm)	13.55	13.55	13.55	13.55	13.55	13.55
	Measurement 90° (mm)	13.55	13.55	13.55	13.55	13.55	13.55
Additional Comments							

Degree of Deterioration:

1 = slight, 2 = medium, 3 = high, 4 = very high, 5 = discard

At time of inspection, the rope measurements and construction was in accordance with the requirements of AS2759 - 2004 Section 13 and the operators manual supplied with the crane.

Date Inspected: 16/12/25
Date Issued: 17/12/2025

John Carroll
Assessor No: VIC1017

CraneSafe®



12:37

5G 65

Unit 140 Wire Rope.pdf

Done

Zertifikat

Liebherr-Werk Ehingen GmbH
Dr. Hans-Liebherr-Strasse 1
DE-89584 Ehingen

Lieferung an:
Liebherr-Werk Ehingen GmbH
Dr. Hans-Liebherr-Strasse 1
DE-89584 Ehingen

Zug, 09.02.2023

Ihre Referenz:
800312 130 342657

Unsere Referenz:
AB 11013666
15015009

Lieferanten-Nr.:
70000153

Serial No: 10048261

N° Série, Serie-Nr., Numero de serie, Numero di lotto

Reel No: 21007701-002-1

N° bobine, Rollen Nr., Bobina número, Bobina numero

Product Veropet, Ø13mm UNGALV. 1660, RHLL - LH-
Produit, Produkt, Producto, Articolo

Construction 16XC.7+8XC.7+6XC.7+6XC.7+1XC.7

Construction, Konstruktion, Construcción, Costruzione

Your Article No.: 10872271

Votre numéro d'article, Ihre Artikel Nr., Su número de artículo, Vostro codice articolo

Length: 165,000 m

Longueur, Länge, Longitud, Lunghezza

Act. Diam. in mm :

13.55

Minimum Breaking Load: 161.3 kN

Charge de rupture minimale, Mindest Bruchkraft, Carga mínima de rotura, Carico minimo di rottura

Calculated Breaking Load 192.0 kN

Charge de rupture calculée, Rechenische Bruchkraft, Carga calculada de rotura, Carico di rottura calcolato

Actual Breaking Load: 164.00 kN

Charge de rupture à l'essai, Effektive Bruchkraft, Carga de rotura actual, Carico di rottura effettivo

Wgt per m: 0.828 kg

Poids métrique, Gewicht per Meter, Peso por metro, Peso al metro

Test Date: 24.4.22

Dati d'essai, Test Datum, Fecha de la prueba, Data collaudi

Production Reference

Référence de production, Produktions-Referenz, Referencia de producción, Riferimento di produzione

Remarks: Ende 1: Endstop auf Haspel innenliegend

Ende 2: Verschiebung

Lieferanten Nummer 088019

Remarques, Bemerkungen, Observaciones, Commenti

The certificate was issued in accordance with DIN EN 10204 3.1

Ca certificat est établi conformément la norme DIN EN 10204 3.1

Hesse Zertifikat wurde erstellt aufgrund der Bestimmungen von DIN EN 10204 3.1

Este certificado fue expedido en concordancia con la norma DIN EN 10204 3.1

Questo certificato è stato emesso in accordo alla norma DIN EN 10204 3.1

veropeo

St. Anton Gassee 4a

CH-5300 Zug 70

Schiffland

Tel: +41 41 72 89 680

Signature

Pierre Vermet

CEO

Page 2 of 2

Accreditation no. 19898

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Liebherr LTM 1040-2.1

Crane Serial No.: 082 903
Year of Manufacture: 2023

Item Inspected		
AS1418.5-2013 Annex K.1		
Hook Block	MANUFACTURERS ID no.	1734
	FORM OF HOOK	Single
	NOMINAL LIFTING LOAD	25000kg
	MASS	165kg
AS1418.5-2013 Annex K.3		
Sheave	NUMBER OF SHEAVES	3
	ROPE DIAMETER	13mm
	KIND OF MATERIAL	Plastic
	GROOVE WEAR	☒
	BRUISING	☒
	ROTATING / BEARING	☒
	CRACKS	☒
	CHIPS	☒
AS1418.5-2013 Annex K.2		
Lifting Hook	WEAR	☒
	CRACKS	☒
	DEFORMATION	☒
	SAFETY LATCH	☒
	SWIVEL	☒
	BEARING	☒
	HOOK BRUISING	☒
	Y - Y MEASUREMENT	145mm
AS1418.5-2013 Clause 4.2.13		



At time of Inspection, the hook block was in accordance with the requirements of AS1418 Part 5 2013 and the load charts supplied with the crane.

Date Inspected: 16/12/25
Date Issued: 17/12/2025

John Carroll
Assessor No: VIC1017



ALL TERRAIN CRANE CERTIFICATE OF ANNUAL INSPECTION AND TESTING

Certificate Number: VIC209403 CraneSafe Assessment Number: ATC A 209403-16



CraneSafe®

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

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

Inspection Date: 16/12/2025

Renewal Date: 15/01/2027

Issued Date: 17/12/2025

COMPANY

Metcalf Crane Services Pty Ltd
ABN 43 076 537 749
PO Box 54 SOMERTON VIC 3062

REPRESENTATIVE

Mr. Tim Metcalf Phone: 03 9308 0044
Email: workshop@metcalfcranes.com.au



Liebherr LTM 1040-2.1

ASSESSED BY

John Carroll
Reg No: VIC1017
Phone: 0418 508 870
Email: info@jatco.com.au

COMPANY

Jatco Engineering VIC Pty Ltd
PO Box 260 BALLARAT
VIC 3353

LOWER HOURS

364

UPPER HOURS

1154

SERIAL NUMBER

082 903

PLANT NUMBER

N/A

YEAR OF MANUFACTURE

2023

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.

John Carroll

Inspection

Inspection in Accordance With

AS2550.1 & AS2550.5 EN (FEM&ISO) JIS Codes of Practice Manufacturer's Instructions.

Comments

Inspection to crane safe check list only

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

All CraneSafe forms, checklists, surveys, audits and reports together with the embedded methodology contained within are the intellectual property of The Crane Industry Council of Australia and may not be used without The Crane Industry Council of Australia's prior written consent.



ALL TERRAIN CRANE LOAD INDICATOR CERTIFICATION

Certificate Number: VIC209403 CraneSafe Assessment Number: ATC A 209403-16



CraneSafe®

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

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

Inspection Date: 16/12/2025

Renewal Date: 15/01/2027

Issued Date: 17/12/2025

Liebherr LTM 1040-2.1

LOWER HOURS
364

UPPER HOURS
1154

SERIAL NUMBER
082 903

PLANT NUMBER
N/A

YEAR OF MANUFACTURE
2023

COMPANY

Metcalf Crane Services Pty Ltd
ABN 43 076 537 749
PO Box 54 SOMERTON VIC 3062

REPRESENTATIVE

Mr. Tim Metcalf Phone: 03 9308 0044
Email: workshop@metcalfcranes.com.au

ASSESSED BY

John Carroll
Reg No: VIC1017
Phone: 0418 508 870
Email: info@jatco.com.au

COMPANY

Jatco Engineering VIC Pty Ltd
PO Box 260 BALLARAT
VIC 3353

RATED CAPACITY INDICATOR (RCI)

Load Chart Reference Number Code 0008

PRINTED CHART - NO LOAD

	Printed Chart	Rated Capacity Indicator
Boom Angle, deg	N/A	N/A
Boom Length, m	35.00	35.00
Radius, m	10.00	10.00
Load, kg	5,700.00	5,700.00

RATED CAPACITY LIMITER (RCL)

Load Chart Reference Number Code 0008

RATED LOAD - BOOM FULLY EXTENDED

	Rated Capacity Indicator	Measured
Radius, m	18.00	18.00
Load, kg	2,100.00	1,685.00

RATED LOAD IN STABILITY

	Rated Capacity Indicator	Measured
Radius, m	18.00	18.00
Load, kg	2,100.00	1,685.00

LINE PULL TEST

	Rated Capacity Indicator	Measured
Load, kg	3,400.00	3,045.00

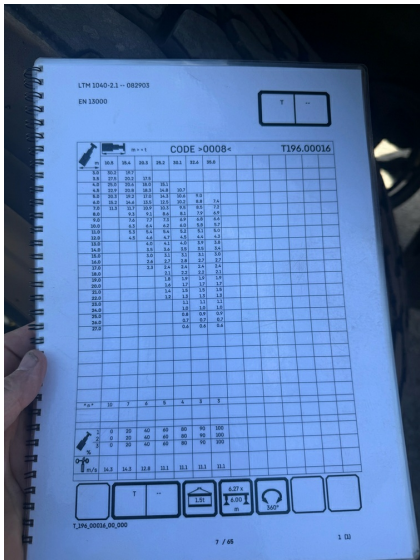
WINCH BRAKE TEST

	Rated Capacity Indicator	Measured
Load, kg	3,400.00	3,045.00

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


John Carroll

Load Chart Reference Number



Line Pull Test



Load



Load



RCL Warning Lights and Alarms



Rated Load - Boom Fully Extended



Load



Load

