



ALL TERRAIN CRANE Annual Report

ATC A 208293-16



CraneSafe®

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

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Initial Inspection Date: 13/11/2025
Conforms to Checklist: Yes
Issued Date: 14/11/2025
Next Inspection Date: 13/11/2026

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



Grove GMK5250XL-1

LOWER HOURS
63

UPPER HOURS
36

KILOMETERS
303

YOM
2025

SERIAL NUMBER
52509728

PLANT NUMBER
UNIT 148

MAX LOAD
250000 kg

NUMBER OF AXLES
5

DESIGN REGISTRATION NO.
NOT AVAILABLE AT THE TIME OF
INSPECTION

PLANT REGISTRATION NO.
NOT AVAILABLE AT THE TIME OF
INSPECTION

ROAD REGISTRATION
NOT AVAILABLE AT THE TIME

Assessed By

Name	John Carroll	Reg No.	VIC1017
Phone	0418 508 870	Email	info@jatco.com.au
Company	Jatco Engineering VIC Pty Ltd	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.

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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	OK	Load Cell	OK
No. 5 Section	OK	Recoil Drums	OK
Additional Sections	OK	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	OK	Boom / Attachments / Electrics	OK
Extension / Fly Jib Mounts	OK	Proximity Switches	OK
Shimming and Alignment	OK	Boom Pinning System	OK
Boom Lift Cylinders	OK	Extension / Fly Jib	OK
Lock Valve(s)	OK	Sheaves and Bearings	OK
Extension Cylinders	OK	Anemometer	OK
Lock Valve(s)	OK	Boom Hazard Striping	OK
Extend Ropes / Chains	N/A	Main Hoist Rope Socket and Pins	OK
Retract Ropes / Chains	N/A	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	OK
Fixed Jib	N/A	Correct Assembly and Connection of	OK
		Auxiliary Hoist Rope Socket	

ANTI-TWO BLOCKS

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

HOOK BLOCKS - WITH CRANE			
Description	3sheath block	Manufacturer's Identification	OK
		RO73433	
Branded WLL (kg)	OK	Safety Latches	OK
8000kg		Sheaves and Bearings	OK
		3	
Swivel	OK	Hook Shank Retainer	OK
Branded with Tare Weight (kg)	OK		
950kg			

HOOK BLOCKS - WITH CRANE No. 2			
Description	Single sheath	Manufacturer's Identification	OK
		04287157	
Branded WLL (kg)	OK	Safety Latches	OK
32000kg		Sheaves and Bearings	OK
		1	
Swivel	OK	Hook Shank Retainer	OK
Branded with Tare Weight (kg)	OK		
600kg			

HOOK BLOCKS - WITH CRANE No. 3			
Description	Ball only	Manufacturer's Identification	OK
		04167446	
Branded WLL (kg)	OK	Safety Latches	OK
12000kg		Sheaves and Bearings	N/A
Swivel	OK	Hook Shank Retainer	OK
Branded with Tare Weight (kg)	OK		
400kg			

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	N/A
Control Levers - Clearly Marked	OK	Upper Braking	N/A
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	OK
		Hoist Rope Anchor	

Auxiliary Winch

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

Hydraulic System

No Hydraulic Leaks Present	OK	Main Winch Motor	OK
Hydraulic Reservoir & Oil Level	OK	Auxiliary Winch Motor	OK
Return Filters and Housing	OK	Main Winch Valve	OK
Suction Lines and Hoses	OK	Auxiliary Winch Valve	OK
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	N/A
Abnormal Engine Noises	OK	ABS Brakes	OK

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

Rated Capacity Indicator (RCI)

Load Chart Reference Number 1300

Printed Chart - No Load OK

	Printed Chart	RCI
Boom Angle, deg	N/A°	N/A°
Boom Length, m	78.50m	78.50m
Radius, m	20.00m	20.00m
Load, kg	9100kg	9100kg

RCI Load Charts 75%

Rated Capacity Limiter (RCL)

Load Chart Reference Number 1300

Rated Load - Boom Fully Extended OK

	RCI	Measured
Radius, m	21.20m	21.20m
Load, kg	7300kg	5040kg

Rated Load in Stability OK

	RCI	Measured
Radius, m	21.20m	21.20m
Load, kg	7300kg	5040kg

Line Pull Test OK

	RCI	Measured
Load, kg	10800kg	89546kg

Winch Brake Test OK

	RCI	Measured
Load, kg	10800kg	89546kg

RCI Warning Lights and Alarms OK

Rated Capacity Limiter Fitted OK

Functional Tests - Auxiliary Winch

Load Chart Reference Number	1300
Rated Load - Boom Fully Extended	N/A
Line Pull Test	OK
Winch Brake Test	OK
RCI Warning Lights and Alarms	OK

Rated Load in Stability	N/A	
	RCI	Measured
Load, kg	11300kg	9550kg
	RCI	Measured
Load, kg	11300kg	9550kg
Rated Capacity Limiter Fitted	OK	

Crack Inspection

No Cracks Detected	OK
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Any third party testing is not included in the Crane**Safe** NATA accreditation.

Manufacturer Additional

N/A

Site Requirements

N/A



Model



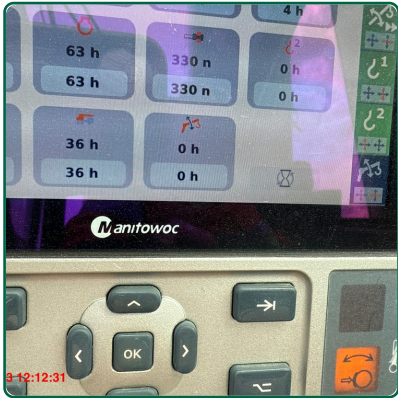
Kilometers



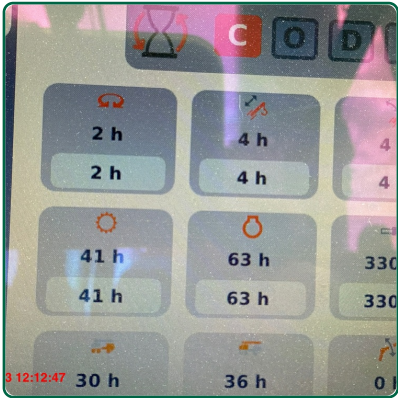
Serial Number



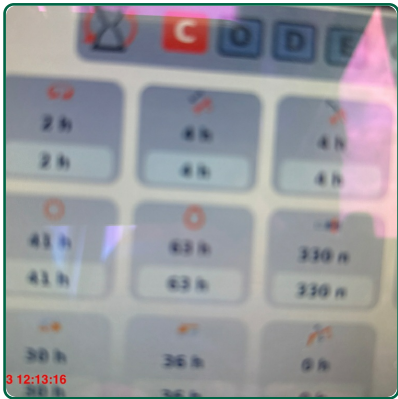
Lower Engine Hours



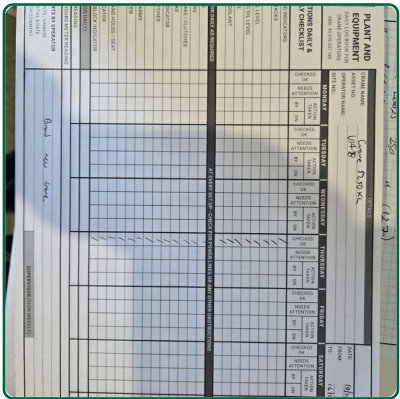
Upper Engine Hours



Slew Hours



Tele Hours



CDI_FORM_Manitowoc Metcalf 5250XL-1
9728.xlsx

Maintenance Records



Base Section



Boom Lift Cylinders



Rooster Sheave and Bearing



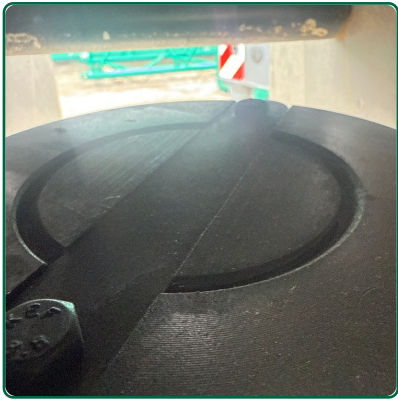
Correct Assembly and
Connection of Hoist Rope
Socket



Correct Assembly and
Connection of Auxiliary Hoist
Rope Socket



Description



Hook Shank Retainer



Description



Manufacturer's Identification



Description



Manufacturer's Identification



Hook Shank Retainer



Hook Shank Retainer



Manufacturer's Identification

Revolving Frame and Cabin



Lift Cylinder Pins

Slew System

Checked at service intervals

Slew Transmission & Oil Level

Working satisfactory at the time of inspection

Lock Valve(s)

Main Winch

Line pull test satisfactory

Brake Operation



Correct Assembly and
Connection of Hoist Rope
Anchor

Auxiliary Winch



Auxiliary Wire Rope



Correct Assembly and
Connection of Auxiliary Hoist
Rope Anchor

Hydraulic System



Boom Lift Valve

Air Systems



Brake Chambers



Brake Chambers



Brake Chambers



Brake Chambers



Brake Chambers



Brake Chambers



Brake Chambers



Brake Chambers



Brake Chambers



Brake Chambers

Chassis Inspection



Brake(s)



Brake(s)



Outrigger Beams



Fire Extinguisher



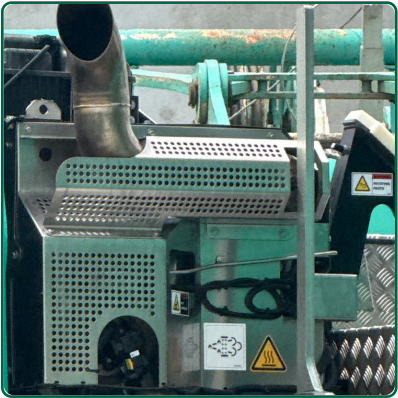
Earth Strap

Electrical Systems



Reverse Alarm
Working satisfactory at the time of inspection

Drive Systems



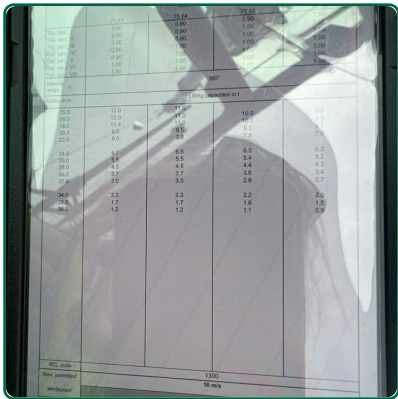
Muffler / Spark Arrestor

Carrier Cabin



Exhaust / Telma Brakes

Functional Tests - Main Winch



Load Chart Reference Number



Rated Load - Boom Fully Extended



Load



Load



Line Pull Test



Line Pull Test



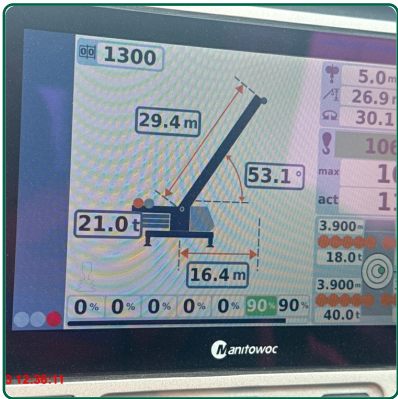
Load



Load



Line Pull Test



Load



Load



RCI Warning Lights and Alarms

Crack Inspection



No visual cracks at the time of inspection

No Cracks Detected



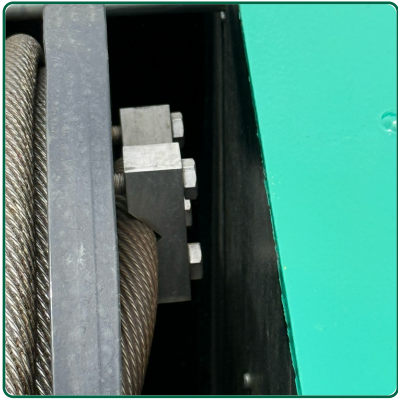
Rope Termination (End 1)



Rope Termination (End 2)



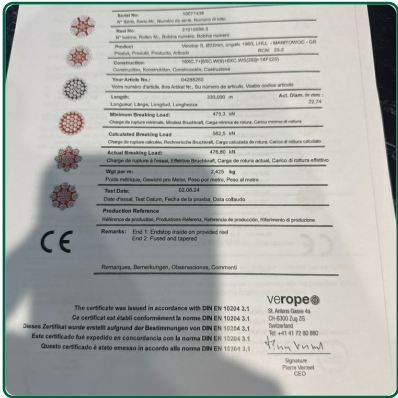
Rope Termination (End 1)



Rope Termination (End 2)



Additional Comments



Additional Comments

Accreditation no. 19898

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Grove GMK5250XL-1

Crane Serial No.: 52509728
Year of Manufacture: 2025

Length of Rope: 300.00m
Rope Construction: Verotop.S 22
Surface Finish: Uncoated
Direction of Rope Lay: Lang Left Hand Lay
Decision: Pass

Wire Rope Application: Main Hoist
Rope Termination (End 1): Swaged End Fitting
Rope Termination (End 2): Wire Rope Clamps
Rope Diameter: 22.00mm



Position Inspected (approx. metres)		10	50	90	130	170	210	290
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	0
Degree of Damage and Deformation of Rope AS2759-2004 Clause14.13		0	0	0	0	0	0	0
Abrasion of Outer Wires AS2759-2004 Clause 14.9	Degree of Deterioration	0	0	0	0	0	0	0
Corrosion AS2759-2004 Clause14.8	Degree of Deterioration	0	0	0	0	0	0	0
Reduction of Rope Diameter AS2759-2004 Clause14.9	Measurement (mm)	22.75	22.75	22.75	22.75	22.75	22.75	22.75
	Measurement 90° (mm)	22.75	22.75	22.75	22.75	22.75	22.75	22.75
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: 13/11/25
Date Issued: 14/11/2025

John Carroll
Assessor No: VIC1017

CraneSafe®



Supporting Documents

Manitowoc Crane Group Germany
Postfach Postfach 1853
DE-36389 Wilhelmshaven

Lieferant en:
 Rheims Midway VHV GmbH & Co. KG
 Hohlweg - Fröberg 07 00 - 10 00 Ufr
 Industriestraße 3
 DE-36389 Wilhelmshaven

Zug. 27.11.2024
 Ihre Referenz:
 737371
 Unsere Referenz:
 AB 11021691
 16025273
 Lieferantes Nr.:

114710








Serial No:	10075932	
N° Série, Serie-Nr., Numéro de série, Numero di serie		
Real No:	21015668-2	
N° bobine, Rollen Nr., Bobina número, Bobina numero		
Product	Variant 6, 802mm, ungulae, 1995, L/HL -	MANITOWOC - GR
Produit, Produkt, Producto, Articolo	RCN:	23-2
Construction:	16XG.74(E)XG.W(3)+6XG.WS(26)+14F(C25)	
Construction, Konstruktion, Construcción, Costruzione		
Your Article No:	04341838	
Votre numéro d'article, Ihre Artikel Nr., Su número de artículo, Vostro codice articolo		
Length:	300,000 m	Act. Diam. in mm: 22,73
Longueur, Länge, Lungitud, Lunghezza		
Minimum Breaking Load	475,3 kN	
Charge de rupture minimale, Mindest Bruchkraft, Carga minima de rotura, Carico minimo di rottura		
Calculated Breaking Load	562,5 kN	
Charge de rupture calculée, Rechnerische Bruchkraft, Carga calculada de rotura, Carico di rottura calcolato		
Actual Breaking Load:	483,40 kN	
Charge de rupture à l'essai, Effektive Bruchkraft, Carga de rotura actual, Carico di rottura effettivo		
Wgt per m:	2,425 kg	
Poids métrique, Gewicht pro Meter, Peso por metro, Peso al metro		
Test Date:	22.05.24	
Date d'essai, Test Datum, Fecha de la prueba, Data collauda		
Production Reference		
Reference de production, Produktions-Referenz, Referencia de producción, Riferimento di produzione		
Remarks:	End 1: Endstop inside on provided reel End 2: Fused and tapered	

RECEIVED

Remarks, Bemerkungen, Observaciones, Commenti

The certificate was issued in accordance with DIN EN 10204 3.1
Ce certificat est établi conformément la norme DIN EN 10204 3.1
Dieses 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

verope 

St. Antoni Gasse 16
 CH-8300 Zug Zg
 Switzerland
 Tel: +41 41 72 80 880

Pierre Vernest

Signature
 Pierre Vernest
 CEO

Additional Comments

CraneSafe®

Wire Rope Certificate

Certificate No:
ATC R.2 208293-16.1

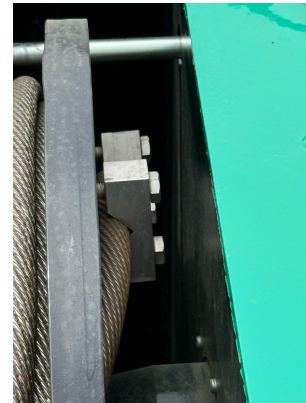
Accreditation no. 19898

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Grove GMK5250XL-1

Crane Serial No.: 52509728
Year of Manufacture: 2025

Length of Rope: 330.00m
Rope Construction: Verotop S.22
Surface Finish: Uncoated
Direction of Rope Lay: Lang Left Hand Lay
Decision: Pass

Wire Rope Application: Aux Hoist
Rope Termination (End 1): Swaged End Fitting
Rope Termination (End 2): Wire Rope Clamps
Rope Diameter: 22.00mm



Position Inspected (approx. metres)		10	54	98	142	186	230	320
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	0
Degree of Damage and Deformation of Rope AS2759-2004 Clause14.13		0	0	0	0	0	0	0
Abrasion of Outer Wires AS2759-2004 Clause 14.9	Degree of Deterioration	0	0	0	0	0	0	0
Corrosion AS2759-2004 Clause14.8	Degree of Deterioration	0	0	0	0	0	0	0
Reduction of Rope Diameter AS2759-2004 Clause14.9	Measurement (mm)	22.74	22.71	22.74	22.74	22.74	22.74	22.74
	Measurement 90° (mm)	22.74	22.74	22.74	22.74	22.74	22.74	22.74
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: 13/11/25
Date Issued: 14/11/2025

John Carroll
Assessor No: VIC1017

CraneSafe®



Accreditation no. 19898

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Grove GMK5250XL-1

Crane Serial No.: 52509728
Year of Manufacture: 2025

Item Inspected		
AS1418.5-2013 Annex K.1		
Hook Block	MANUFACTURERS ID no.	RO73433
	FORM OF HOOK	Ramshorn
	NOMINAL LIFTING LOAD	8000kg
	MASS	950kg
AS1418.5-2013 Annex K.3		
Sheave	NUMBER OF SHEAVES	3
	ROPE DIAMETER	22mm
	KIND OF MATERIAL	Metal
	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	185mm
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: 13/11/25
Date Issued: 14/11/2025

John Carroll
Assessor No: VIC1017

Accreditation no. 19898

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Grove GMK5250XL-1

Crane Serial No.: 52509728
Year of Manufacture: 2025

Item Inspected		
AS1418.5-2013 Annex K.1		
Hook Block	MANUFACTURERS ID no.	04287157
	FORM OF HOOK	Single
	NOMINAL LIFTING LOAD	32000kg
	MASS	600kg
AS1418.5-2013 Annex K.3		
Sheave	NUMBER OF SHEAVES	1
	ROPE DIAMETER	22mm
	KIND OF MATERIAL	Metal
	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	160mm
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: 13/11/25
Date Issued: 14/11/2025

John Carroll
Assessor No: VIC1017

Accreditation no. 19898

Company Name: Metcalf Crane Services Pty Ltd
Crane Make & Model: Grove GMK5250XL-1

Crane Serial No.: 52509728
Year of Manufacture: 2025

Item Inspected		
AS1418.5-2013 Annex K.1		
Hook Block	MANUFACTURERS ID no.	04167446
	FORM OF HOOK	Single
	NOMINAL LIFTING LOAD	12000kg
	MASS	400kg
AS1418.5-2013 Annex K.3		
Sheave	NUMBER OF SHEAVES	N/A
	ROPE DIAMETER	N/A
	KIND OF MATERIAL	N/A
	GROOVE WEAR	N/A
	BRUISING	N/A
	ROTATING / BEARING	N/A
	CRACKS	N/A
	CHIPS	N/A
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: 13/11/25
Date Issued: 14/11/2025

John Carroll
Assessor No: VIC1017



ALL TERRAIN CRANE CERTIFICATE OF ANNUAL INSPECTION AND TESTING

Certificate Number: VIC208293 CraneSafe Assessment Number: ATC A 208293-16



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: 13/11/2025

Renewal Date: 13/11/2026

Issued Date: 14/11/2025

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



Grove GMK5250XL-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

63

UPPER HOURS

36

SERIAL NUMBER

52509728

PLANT NUMBER

UNIT 148

YEAR OF MANUFACTURE

2025

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

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ALL TERRAIN CRANE LOAD INDICATOR CERTIFICATION

Certificate Number: VIC208293 CraneSafe Assessment Number: ATC A 208293-16



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Inspection Date: 13/11/2025

Renewal Date: 13/11/2026

Issued Date: 14/11/2025

Grove GMK5250XL-1

LOWER HOURS
63

UPPER HOURS
36

SERIAL NUMBER
52509728

PLANT NUMBER
UNIT 148

YEAR OF MANUFACTURE
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

ASSESSED BY

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

COMPANY

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PO Box 260 BALLARAT
VIC 3353

RATED CAPACITY INDICATOR (RCI)

Load Chart Reference Number 1300

PRINTED CHART - NO LOAD

	Printed Chart	Rated Capacity Indicator
Boom Angle, deg	N/A	N/A
Boom Length, m	78.50	78.50
Radius, m	20.00	20.00
Load, kg	9,100.00	9,100.00

RATED CAPACITY LIMITER (RCL)

Load Chart Reference Number 1300

RATED LOAD - BOOM FULLY EXTENDED

	Rated Capacity Indicator	Measured
Radius, m	21.20	21.20
Load, kg	7,300.00	5,040.00

RATED LOAD IN STABILITY

	Rated Capacity Indicator	Measured
Radius, m	21.20	21.20
Load, kg	7,300.00	5,040.00

LINE PULL TEST

	Rated Capacity Indicator	Measured
Load, kg	10,800.00	89,546.00

WINCH BRAKE TEST

	Rated Capacity Indicator	Measured
Load, kg	10,800.00	89,546.00

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 Number 3111

3111 counterweight

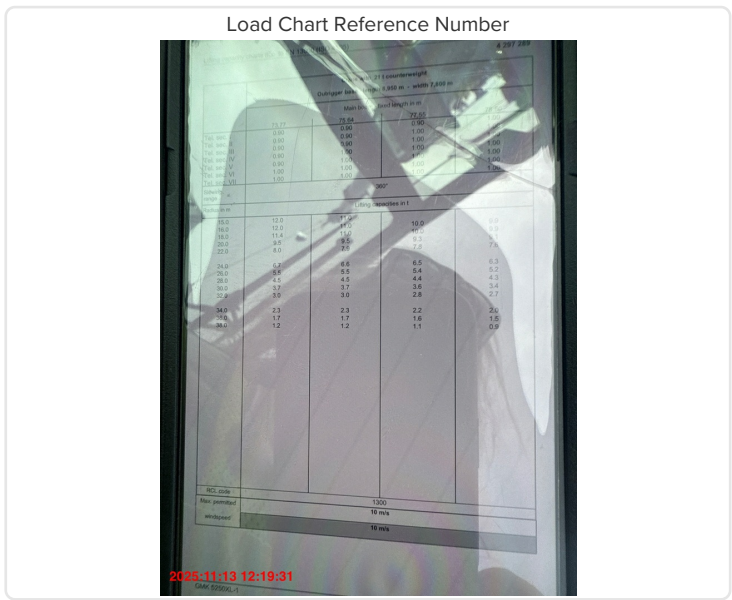
Outrigger distance: 1.935 m - width 3.655 m

Main lifting and load capacity in t

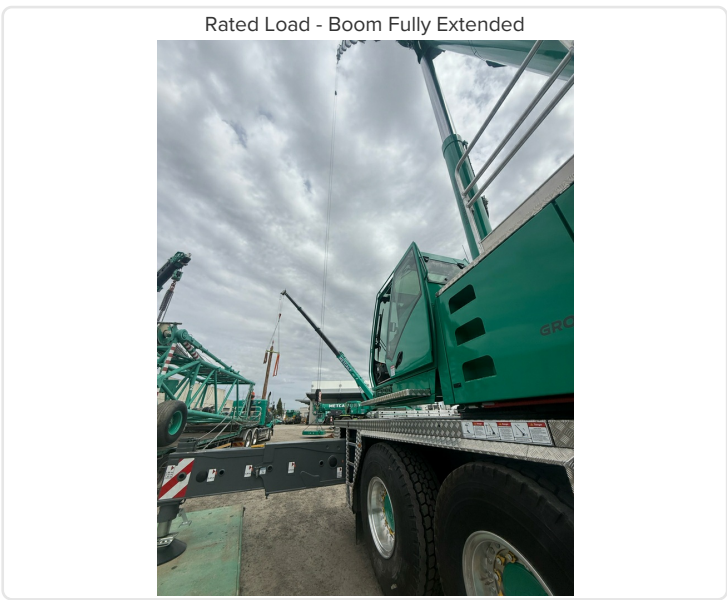
Configuration	Capacity (t)	Capacity (t)	Capacity (t)	Capacity (t)
1000	10.0	10.0	10.0	10.0
1200	12.0	12.0	12.0	12.0
1400	14.0	14.0	14.0	14.0
1600	16.0	16.0	16.0	16.0
1800	18.0	18.0	18.0	18.0
2000	20.0	20.0	20.0	20.0
2200	22.0	22.0	22.0	22.0
2400	24.0	24.0	24.0	24.0
2600	26.0	26.0	26.0	26.0
2800	28.0	28.0	28.0	28.0
3000	30.0	30.0	30.0	30.0
3200	32.0	32.0	32.0	32.0
3400	34.0	34.0	34.0	34.0
3600	36.0	36.0	36.0	36.0
3800	38.0	38.0	38.0	38.0
4000	40.0	40.0	40.0	40.0
4200	42.0	42.0	42.0	42.0
4400	44.0	44.0	44.0	44.0
4600	46.0	46.0	46.0	46.0
4800	48.0	48.0	48.0	48.0
5000	50.0	50.0	50.0	50.0
5200	52.0	52.0	52.0	52.0
5400	54.0	54.0	54.0	54.0
5600	56.0	56.0	56.0	56.0
5800	58.0	58.0	58.0	58.0
6000	60.0	60.0	60.0	60.0
6200	62.0	62.0	62.0	62.0
6400	64.0	64.0	64.0	64.0
6600	66.0	66.0	66.0	66.0
6800	68.0	68.0	68.0	68.0
7000	70.0	70.0	70.0	70.0
7200	72.0	72.0	72.0	72.0
7400	74.0	74.0	74.0	74.0
7600	76.0	76.0	76.0	76.0
7800	78.0	78.0	78.0	78.0
8000	80.0	80.0	80.0	80.0
8200	82.0	82.0	82.0	82.0
8400	84.0	84.0	84.0	84.0
8600	86.0	86.0	86.0	86.0
8800	88.0	88.0	88.0	88.0
9000	90.0	90.0	90.0	90.0
9200	92.0	92.0	92.0	92.0
9400	94.0	94.0	94.0	94.0
9600	96.0	96.0	96.0	96.0
9800	98.0	98.0	98.0	98.0
10000	100.0	100.0	100.0	100.0

Lifting capacities in t

Configuration	Capacity (t)	Capacity (t)	Capacity (t)	Capacity (t)
1000	10.0	10.0	10.0	10.0
1200	12.0	12.0	12.0	12.0
1400	14.0	14.0	14.0	14.0
1600	16.0	16.0	16.0	16.0
1800	18.0	18.0	18.0	18.0
2000	20.0	20.0	20.0	20.0
2200	22.0	22.0	22.0	22.0
2400	24.0	24.0	24.0	24.0
2600	26.0	26.0	26.0	26.0
2800	28.0	28.0	28.0	28.0
3000	30.0	30.0	30.0	30.0
3200	32.0	32.0	32.0	32.0
3400	34.0	34.0	34.0	34.0
3600	36.0	36.0	36.0	36.0
3800	38.0	38.0	38.0	38.0
4000	40.0	40.0	40.0	40.0
4200	42.0	42.0	42.0	42.0
4400	44.0	44.0	44.0	44.0



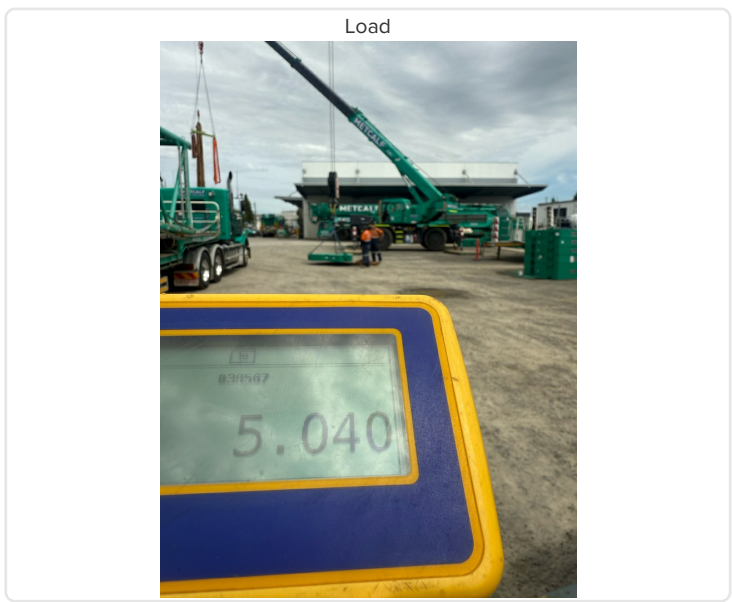
Rated Load - Boom Fully Extended



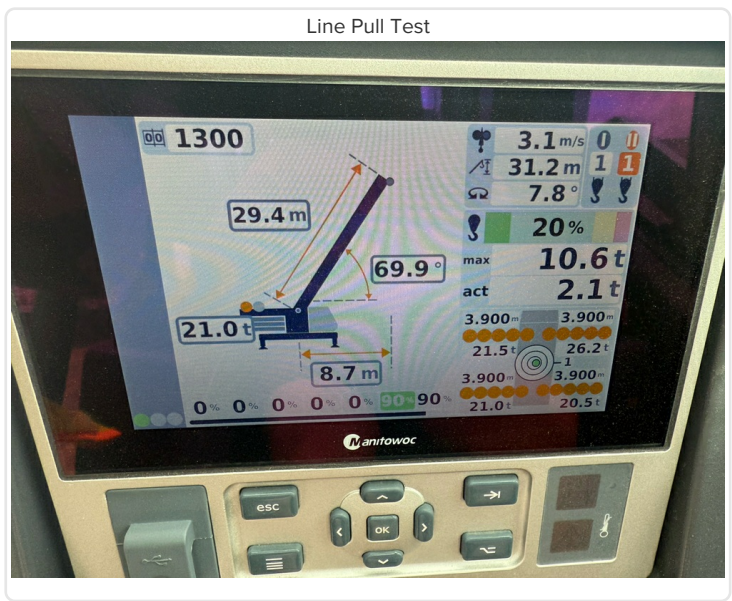
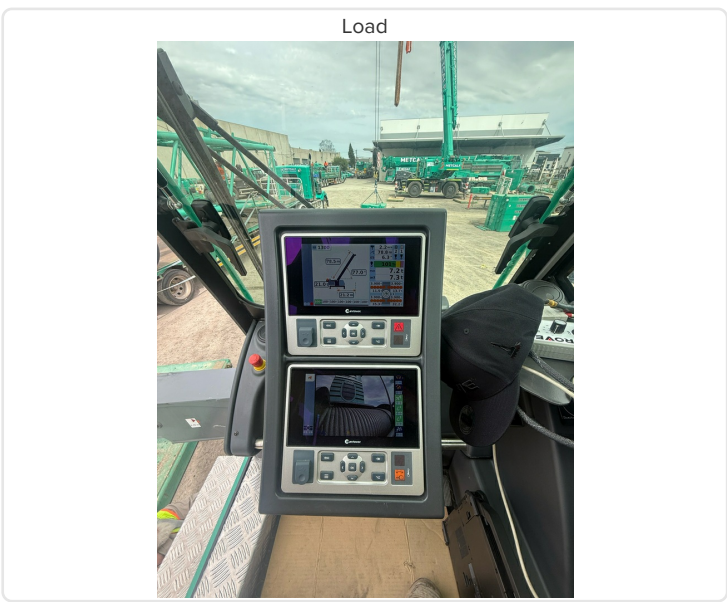
Load



The photograph shows a construction site under a cloudy sky. A yellow crane is lifting a load, with a worker visible near the base. In the foreground, a yellow and blue digital scale displays the number '5.040'.



Load



Load



Load

