

Mobile Crane Inspection Report



Job & Report Number:	J23749-SI01	Inspection Date:	04/05/2026
---------------------------------	-------------	-------------------------	------------

Client / Equipment Holder:	Agtrans Limited	Contact Person:	Logan
Address:	24 Fitzgerald Lane, Hawera,	Contact Number:	0800 AGTRANS / 027 588 9010

Type:	Mobile Crane	Boom Configuration:	6 x Hydraulic Tele-boom
Official Number:	L52787	Rating Sheet:	Incorporated in Liebherr Loadmaster
Client ID:	Reg: PWQ 638 - Liebherr Crane 90 ton	Capacity:	90 tonnes
Manufacturer:	Liebherr LTM1090-4.2	Hoist Rope Diameter:	17mm Ø
SWL Indicator Type:	Liebherr Loadmaster	Hooks SWL:	50 ton
Vehicle Type:	Liebherr 1/2023	Registration:	PWQ 638

GENERAL

Number	Check	Assessment	Comments
1	SWL & ID Clearly Visible	✓	Company logo and ID plate on cab. Satisfactory
2	Maintenance Records	✓	Maintenance performed by Agtrans. Satisfactory.
3	Rating Sheet (English, with Crane Number)	✓	Liebherr loadmaster computer with hard copy in cab. Satisfactory.

OPERATIONAL

1	SLI Alarms (Visual, Audible, Cut-out)	✓	Audible, visual alarm and cut-outs tested. Satisfactory.
2	Anti – Two Block, Main & Fly Jib	✓	Main hook rope only. Cuts out. Satisfactory.
3	Radius Indicator	✓	Reading 20.7m at load test. Accurate against tape measure.
4	Boom Angle Indicator	✓	Reading 66.8° during load test. Satisfactory.
5	Load test (Load, Boom Length, Radius)	✓	Using 4t, Warning at 21m and cut-out at 22mm. Boom length 48.7m As per tape and computer.
6	Brake Test	✓	No creep noted during all testing. Satisfactory.

CONDITION

1	Cab (Controls, emergency Stop, Horn)	✓	Remote, Horn, working and well labelled. E stop tested and reset.
2	Outriggers	✓	4 x outriggers in good condition. Satisfactory.
3	Front Stabiliser Leg	N/A	
4	Wheels / Tyres / Tracks	✓	8x wheels and tyres. Satisfactory condition.
5	Chassis & Super Structure	✓	Good condition. No rust or damage noted.
6	Hydraulic Rams & Hoses	✓	Good condition. Satisfactory.
7	Slew Ring bearing & Bolts	✓	Secure bolting and satisfactory condition.
8	Counterweight & Signage	✓	Counterweight system tested. Good warning signs. 7.4t at load test,
9	Brakes & Clutches (Wear Indicators)	✓	Satisfactory condition.
10	Pawl Brake	✓	Tested when loading counterweight. Satisfactory.
11	Ropes (Terminations, Length)	✓	Full length of 17mmØ rope inspected. In good condition.
12	Sheaves	✓	Satisfactory condition.
13	King Post & Luffing Gear	✓	Over luff alarm and cut out at 83.4°. Tidy condition. Satisfactory.
14	Boom / Jib (Wear Pads & Extension Ropes)	✓	6 x extensions in good condition.
15	Fly Jib & Attachments	✓	Fly and jib with all pins and retainers. Satisfactory condition.
16	Hooks & Blocks	✓	50.0ton SWL. Bull horn. 159mm y-axis. Satisfactory condition.
17	Other	C	Auxiliary rope drum fitted but not connected.
18	Other	✓	Crane cab tilt operation checked. Operating satisfactorily.

LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	NA	Not Applicable

Additional Comments / Photos: Crane year mfg. 2023. S/N: 087582



This item has been inspected in accordance with the relevant codes & standards and ~~is being~~ **is being** recommended for certification.

Expiry Date: 31/05/2027

Equipment Inspector: Mark Bright	Reviewed By: Alan Winch
A.Winch – Authorised Signatory	Alan Winch
	Date of Issue: 05/05/2026

Mobile Crane Inspection Report



Actions	
Action	Priority
Item 17- Auxiliary rope to be inspected by competent person if hook is fitted.	M
Priority: M	Mandatory by certificate expiry
R	Recommendation

Crane Certificate of Inspection		SENTINEL INSPECTION SERVICES LTD.	
Client:	Agtrans Limited	Job Number:	J23749-SI01
Controller:	CJ	Date of Inspection:	04/05/2026
Controller's Address:	24 Fitzgerald Lane, Hawera Taranaki	Official Number:	L52787
Equipment ID:	Reg: PWQ 638 -LTM1090-4.2	Safe Working Load:	90.0t at 2.5m (Max)
Equipment Desc:	Liebherr Crane 90t	Manufacturer:	Liebherr - 2023
Purpose:	Customer Lifting Requirements	Crane Type:	Mobile
Location:	New Zealand Wide	Serial Number:	087582
		Date of Expiry:	31/05/2027
<i>This equipment was found to be in a satisfactory and safe condition at the time of inspection and will remain safe for the period of the certificate if operated and maintained properly.</i>			
Equipment Inspector:	Mark Bright	Authorised Signatory:	A.Winch
Sentinel Inspection Services Ltd. is an IANZ Accredited Inspection Body All enquires phone (06) 281 1302		www.sentineltd.co.nz	 No. 128