

Mobile Crane Inspection Report



Job & Report Number:	J20838-SI03	Inspection Date:	17/04/2025
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Client / Equipment Holder:	Agtrans Limited	Contact Person:	Phill / CJ
Address:	24 Fitzgerald Lane, Hawera,	Contact Number:	0800 AGTRANS / 0272786770

Type:	All Terrain 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	✓	ID plate on cab and company logo. Satisfactory
2	Maintenance Records	✓	Maintained by "Agtrans". Satisfactory condition.
3	Rating Sheet (English, with Crane Number)	✓	Liebherr loadmaster computer with hard copy in cab. Satisfactory.

OPERATIONAL

1	SLI Alarms (Visual, Audible, Cut-out)	✓	Audio, visual alarm and cut-outs tested. Satisfactory.
2	Anti – Two Block, Main & Fly Jib	✓	Main only. Alarm and cut-out. Satisfactory.
3	Radius Indicator	✓	Accurate at load testing reading 10.7m. Satisfactory.
4	Boom Angle Indicator	✓	During load testing reading 60.3°. Satisfactory.
5	Load test (Load, Boom Length, Radius)	✓	Using 10t, Warning 9.3m and cut-out at 10.6m. Boom length 22.6m As per tape and computer.
6	Brake Test	✓	No creep noted during all testing. Satisfactory.

CONDITION

1	Cab (Controls, emergency Stop, Horn)	✓	Horn, ESD stop/reset all working and well labelled. Satisfactory.
2	Outriggers	✓	4 x outriggers in good condition. Satisfactory.
3	Front Stabiliser Leg	N/A	
4	Wheels / Tyres / Tracks	✓	All wheels and tyres. Satisfactory condition.
5	Chassis & Super Structure	✓	Tidy, damage and rust-free condition.
6	Hydraulic Rams & Hoses	✓	Good condition. Satisfactory.
7	Slew Ring bearing & Bolts	✓	Secure bolting and satisfactory condition.
8	Counterweight & Signage	✓	Management system tested and good warning signs. Satisfactory.
9	Brakes & Clutches (Wear Indicators)	✓	Satisfactory condition.
10	Pawl Brake	✓	Tested and in good functioning condition. Satisfactory.
11	Ropes (Terminations, Length)	✓	17mmØ rope, secure dead ends and in good condition.
12	Sheaves	✓	Satisfactory condition.
13	King Post & Luffing Gear	✓	Luffing limiter 83.1° at 0.3m Radius. Tidy condition. Satisfactory.
14	Boom / Jib (Wear Pads & Extension Ropes)	✓	6 x extension, satisfactory condition.
15	Fly Jib & Attachments	✓	Fly and jib with all pins and retainers. Satisfactory condition.
16	Hooks & Blocks	✓	50.0ton SWL. Bull horn. Satisfactory condition.
17	Other	✓	Crane in good overall condition with no concerns. Satisfactory.

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: 30/04/2026

Equipment Inspector: Alan Winch	Reviewed By: Mark Bright
A.Winch – Authorised Signatory	M.Bright



Mobile Crane Inspection Report



Actions	
Action	Priority
Nil.	
Priority: M Mandatory by certificate expiry	R Recommendation

Crane Certificate of Inspection

Client: Agtrans Limited Controller: Phill / CJ Controller's Address: 24 Fitzgerald Lane, Hawera Taranaki Equipment ID: Reg: PWQ 638 -LTM1090-4.2 Equipment Desc: Liebherr Crane 90t Purpose: Customer Lifting Requirements Location: New Zealand Wide	Job Number: J20838-SI03 Date of Inspection: 17/04/2025 Official Number: L52787 Safe Working Load: 90.0t at 2.5m (Max) Manufacturer: Liebherr - 2023 Crane Type: Mobile Serial Number: 087582 Date of Expiry: 30/04/2026
<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: A.Winch	Authorised Signatory: A.Winch
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www.sentinelld.co.nz	

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