

Mobile Crane Inspection Report



Job & Report Number:	J24430-SI02	Inspection Date:	22/07/2026
Client / Equipment Holder:	Agtrans Ltd.	Contact Person:	Logan
Address:	24 Fitzgerald Lane, Hawera	Contact Number:	0800 AGTRANS / 027 278 6770
Type:	Mobile Crane	Boom Configuration:	Hydraulic - teleboom
Official Number:	043991	Rating Sheet:	Stored in cab
Client ID:	LTC 1050-3.1	Capacity:	50T
Manufacturer:	Liebherr	Hoist Rope Diameter:	16.0mmØ
SWL Indicator Type:	Liebherr Liccon - Alarms and cut-outs	Hooks SWL:	Main: 40.0tonne; Aux: 6.0tonne
Vehicle Type:	2023 Liebherr LTM 1050-3.1	Registration:	QCY398

GENERAL

Number	Check	Assessment	Comments
1	SWL & ID Clearly Visible	✓	Liebherr ID plate front of cab. Satisfactory condition.
2	Maintenance Records	✓	Agtrans own maintenance team. Satisfactory.
3	Rating Sheet (English, with Crane Number)	✓	In good condition stored in cab, Liccon computer. Satisfactory.

OPERATIONAL

4	SLI Alarms (Visual, Audible, Cut-out)	✓	In cab audible, external visual alarms and cut-outs. Satisfactory.
5	Anti – Two Block, Main & Aux	✓	Cut outs and alarms on both working. Satisfactory condition.
6	Radius Indicator	✓	Reading 20.3m at load testing (within 100mm). Satisfactory.
7	Boom Angle Indicator	✓	At load testing to cut out reading 28.2°
8	Load test (Load, Boom Length, Radius)	✓	Using 3090kg, warning at 19.0m and cut-out at 20.2m. As per tape measure and computer reading within 100mm. Satisfactory.
9	Brake Test	✓	During load testing no creep noted. Satisfactory.

CONDITION

10	Cab (Controls, emergency Stop, Horn)	✓	Well labelled controls, including horn and ESD tested and all working.
11	Outriggers	✓	Front & Rear – In good condition inside and out. Satisfactory.
12	Front Stabiliser Leg	NA	
13	Wheels / Tyres / Tracks	✓	6 x Tyres in good condition with no concerns noted. Satisfactory.
14	Chassis & Super Structure	C	Clean and tidy condition, minor damage under RHS rear.
15	Hydraulic Rams & Hoses	✓	Satisfactory condition with no concerns noted.
16	Slew Ring bearing & Bolts	✓	Bolting secure and in good condition. Satisfactory.
17	Counterweight & Signage	✓	Safety warning signed and secured in place. Satisfactory.
18	Brakes & Clutches (Wear Indicators)	✓	No concerns noted. Satisfactory.
19	Pawl Brake	✓	Deployed and in good working condition. Satisfactory.
20	Ropes (Terminations, Length)	✓	Main and Auxiliary in good condition and well-greased. Satisfactory
21	Sheaves	C	Minor service wear, not concerning. Serviceable condition.
22	King Post & Luffing Gear	✓	Satisfactory tidy condition, over luffing cut-out at 81.8°.
23	Boom / Jib (Wear Pads & Extension Ropes)	✓	5 x Ext. Secure and all in place. Satisfactory condition.
24	Cab boom and tilt gear	✓	Fully functioned and tested with no concerns noted. Satisfactory.
25	Cab door interlock Open/Closed	✓	Interlock cut out all crane operations when door opened.
26	Fly Jib & Attachments	✓	Stored on crane, secured. Good bracketing with all clips/pins in place.
27	Hooks & Blocks	C	Main 40ton. Y- 140mm, Aux Y-100mm measured at 102mm.
28	Other	✓	Cab lift and tilt and interlocks tested and working. Satisfactory

LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	NA	Not Applicable

Additional Comments/Photos:



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

Expiry Date: 31/07/2027

Equipment Inspector: Alan Winch	Reviewed By: Mark Bright
Alan Winch - Authorised Signatory 	M.Bright ISSUE DATE: 23/07/2026

Mobile Crane Inspection Report



Actions	
Action	Priority
Item 14: Clean and tidy chassis with minor damage to secondary structure under the crane which is attached to Extension beam casing. Recommend that the damage be cleaned and repainted as it has stressed the welds to the casing and may cause rust to start very quickly. 	R
Item 21: Minor service wear noted on sheaves – Recommend monitoring for further wear and maintain where required	R
Item 27: Main hook Y-Axis 140mm and measured at 140mm during testing, but the Auxiliary Y-Axis is 100mm and is showing stretch measured at 102mm – Recommend monitoring for further stretch as the limit is 5% so if reaches 105mm then the hook should be scrapped. No twisting or other deformation was noted.	R
Priority: M Mandatory by certificate expiry	R Recommendation

Crane Certificate of Inspection



Client:	Agtrans Ltd.	Job Number:	J24430-SI02
Controller:	Phill/CJ	Date of Inspection:	22/07/2026
Controller's Address:	24 Fitzgerald Lane, Hawera Taranaki	Official Number:	043991
Equipment ID:	LTC 1050-3.1	Safe Working Load:	50.0Tonnes (Max)
Equipment Desc:	Mobile Teleboom Crane	Manufacturer:	2023 Leibherr
Purpose:	Multi-purpose Heavy lifting	Crane Type:	Mobile
Location:	New Zealand Wide	Registration	QCY398
		Date of Expiry:	31/07/2027
<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:	Alan Winch	Authorised Signatory:	Alan Winch
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