

Mobile Crane Inspection Report



Job & Report Number:	J13437-SI01 Rev 1	Inspection Date:	03/05/2023 (Reinspected 19/05/2023)
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:	4 x Hydraulic Tele-boom
Official Number:	055933	Rating Sheet:	Incorporated in Liebherr Loadmaster
Client ID:	Liebherr Crane 55 ton	Capacity:	55 tonnes
Manufacturer:	Liebherr LTM1055-3.1	Hoist Rope Diameter:	15mm
SWL Indicator Type:	Liebherr Loadmaster	Hooks SWL:	6.0 ton & 33.0 ton
Vehicle Type:	2005 Liebherr	Registration:	DBD 435

GENERAL

Number	Check	Assessment	Comments
Revision 1 Due to Liebherr completing repairs on boom and rechecking all safety functions on crane			
1	SWL & ID Clearly Visible	✓	Company logo and SWL clearly marked on crane. Satisfactory.
2	Maintenance Records	✓	Maintained by "Agtrans" maintenance. Satisfactory.
3	Rating Sheet (English, with Crane Number)	✓	Hard copy stored in cab and loadmaster computer. Satisfactory.

OPERATIONAL

1	SLI Alarms (Visual, Audible, Cut-out)	✓	Retested – Audio, visual alarms and cut-out. Satisfactory.
2	Anti – Two Block, Main & Fly Jib	✓	Checked - Alarm and cut-out on main and aux. Satisfactory operating.
3	Radius Indicator	✓	During testing computer reading 20.0m. Satisfactory accuracy.
4	Boom Angle Indicator	✓	Mechanical and Liebherr loadmaster reading 29° at testing.
5	Load test (Load, Boom Length, Radius)	✓	Tested using main hook - 3090kg weight reading 4.1t, warning at 17.7m and cut-out at 19m, corresponding to load chart and tape.
6	Brake Test	✓	At load testing no creep was noted. Satisfactory.

CONDITION

1	Cab (Controls, emergency Stop, Horn)	✓	All controls and horn including E-Stop in good working order.
2	Outriggers	✓	4 x outriggers, In good condition and high visibility marked.
3	Front Stabiliser Leg	N/A	
4	Wheels / Tyres / Tracks	✓	6 x tyres. In good serviceable condition.
5	Chassis & Super Structure	C	Minor surface rust in places, mostly very good condition.
6	Hydraulic Rams & Hoses	C	Corroded fitting on main ram noted – Client has in hand to maintain
7	Slew Ring bearing & Bolts	✓	Secure and satisfactory operating.
8	Counterweight & Signage	✓	System operating well and secure, good warning signs. Satisfactory.
9	Brakes & Clutches (Wear Indicators)	✓	Satisfactory condition.
10	Pawl Brake	✓	Operating satisfactory, no concerns.
11	Ropes (Terminations, Length)	C	Main-Monitor small bulge by dead end attached to crane. Aux/Main have no other visible anomalies. Satisfactory.
12	Sheaves	✓	Serviceable condition.
13	King Post & Luffing Gear	✓	Tidy and clean condition. Satisfactory.
14	Boom / Jib (Wear Pads & Extension Ropes)	✓	Good condition with no concerns.
15	Fly Jib & Attachments	✓	Stored on crane and in good serviceable condition.
16	Hooks & Blocks	✓	Main Y-160 Aux Y-120 In good condition. Satisfactory.
17	Other	C	Boom Section repairs completed by Liebherr NZ. Satisfactory

LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	NA	Not Applicable

Additional Comments / Photos: Crane year mfg. 2005. Serial no. 055933.



This item has been inspected in accordance with the relevant codes & standards and **is being / not being** recommended for certification under the condition that it is not to be operated with Boom Section #1 Not to be extended for lifting purposes.

Expiry Date: 03/05/2024

Equipment Inspector: Alan Winch	Reviewed By: Craig Darling
A.Winch – Authorised Signatory	




Mobile Crane Inspection Report



Crane Certificate of Inspection



Client:	Agtrans Limited	Job Number:	J13437-SI01Rev 1
Controller:	Phill / CJ	Date of Inspection:	03/05/2023
Controller's Address:	24 Fitzgerald Lane, Hawera Taranaki	Official Number:	055933
Equipment ID:	Liebherr Crane 55 Tonne	Safe Working Load:	55.0Tonnes
Equipment Desc:	LTM1055 3.1 / Reg: DBD 435	Manufacturer:	Liebherr - 2005
Purpose:	Customer Lifting Requirements	Crane Type:	Mobile
Location:	New Zealand Wide	Date of Expiry:	3/05/2024
<i>This equipment was found to be in a satisfactory and safe condition at the time of inspection if used with the operating conditions imposed, 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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