

Mobile Crane Inspection Report



Job & Report Number:	J16306-S102	Inspection Date:	31/07/2024
Client / Equipment Holder:	Agtrans Ltd.	Contact Person:	Phill / CJ
Address:	24 Fitzgerald Lane, Hawera	Contact Number:	0800 AGTRANS / 027 278 6770
Type:	Mobile Crane	Boom Configuration:	Hydraulic - teleboom
Official Number:	056841	Rating Sheet:	Stored in cab
Client ID:	LTC 1050-3.1	Capacity:	50T
Manufacturer:	Liebherr	Hoist Rope Diameter:	21.0mmØ
SWL Indicator Type:	Liebherr Liccon - Alarms and cut-outs	Hooks SWL:	32.0T (Main hook only)
Vehicle Type:	2021 Liebherr LTM 1050-3.1	Registration:	NSL 641

GENERAL

Number	Check	Assessment	Comments
1	SWL & ID Clearly Visible	✓	Clearly sign written with company logo and ID. Satisfactory.
2	Maintenance Records	✓	Maintained in house by Agtrans. Satisfactory.
3	Rating Sheet (English, with Crane Number)	✓	Liccon computer and hard copy stored in cab. Satisfactory.

OPERATIONAL

1	SLI Alarms (Visual, Audible, Cut-out)	✓	Tested- Warning lights, alarms and cut-outs. Satisfactory.
2	Anti – Two Block, Main & Fly Jib	✓	Tested on main only. Working satisfactory.
3	Radius Indicator	✓	Accurate at load test reading 10m. Satisfactory.
4	Boom Angle Indicator	✓	Reading 46° at load testing. Over luffing cut-out reading 82°
5	Load test (Load, Boom Length, Radius)	✓	Tested using 11 ton with 16.5m of boom-reading 11.8ton, warning at 9.9m and cut-out at 10.1m. As per tape and computer.
6	Brake Test	✓	No creep noted at load test. Satisfactory.

CONDITION

1	Cab (Controls, emergency Stop, Horn)	✓	Controls, horn and E-Stops in satisfactory working condition.
1a	Cab Hydraulics (lift, tilt, extend)	✓	All functions, including door inter-lock checked. Operating satisfactory
2	Outriggers	✓	4 x Hydraulic outriggers with manual position locks. Satisfactory.
3	Front Stabiliser Leg	N/A	
4	Wheels / Tyres / Tracks	✓	6 x wheels and tyres in good condition.
5	Chassis & Super Structure	✓	Good condition. No concerns noted.
6	Hydraulic Rams & Hoses	✓	No damage or leaks noted. Satisfactory condition.
7	Slew Ring bearing & Bolts	✓	In place, secure and in tidy condition. Satisfactory.
8	Counterweight & Signage	✓	Fixed counterweight secure, good safety signs posted.
9	Brakes & Clutches (Wear Indicators)	✓	Serviceable condition. No concerns noted at inspection.
10	Pawl Brake	✓	Tested and operating satisfactory.
11	Ropes (Terminations, Length)	✓	Well-greased and in good condition.
12	Sheaves	C	Minor bearing wear noted. Serviceable condition.
13	King Post & Luffing Gear	✓	Good condition with no concerns noted. Satisfactory.
14	Boom / Jib (Wear Pads & Extension Ropes)	✓	5 x Extensions. Good condition with no uneven wear noted.
15	Fly Jib & Attachments	C	Minor welding anomalies noted (Day 1). Monitor.
16	Hooks & Blocks	✓	32ton Hook, Satisfactory condition. Y-value measures 160mm
17	Other	N/A	

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: 31/08/2025

Equipment Inspector: Alan Winch/ Mark Bright	Reviewed By:
A. Winch - Authorised Signatory	



Mobile Crane Inspection Report



Crane Certificate of Inspection



Client:	Agtrans Ltd.	Job Number:	J16306-SI02
Controller:	Phill/CJ	Date of Inspection:	31/07/2024
Controller's Address:	24 Fitzgerald Lane, Hawera Taranaki	Official Number:	056841
Equipment ID:	LTC 1050-3.1	Safe Working Load:	50.0Tonnes (Max)
Equipment Desc:	Mobile Crane Reg: NSL 641	Manufacturer:	2021 Leibherr
Purpose:	Multi-purpose Heavy lifting	Crane Type:	Mobile
Location:	New Zealand Wide	Serial Number:	056841
		Date of Expiry:	31/08/2025
<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: M.Bright/A.Winch		Authorised Signatory: A.Winch	
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