

# Mobile Crane Inspection Report



<b>Job &amp; Report Number:</b>	J14542-SI01	<b>Inspection Date:</b>	17/10/2023
<b>Client / Equipment Holder:</b>	Agtrans Ltd.	<b>Contact Person:</b>	Phill / CJ
<b>Address:</b>	24 Fitzgerald Lane, Hawera	<b>Contact Number:</b>	0800 AGTRANS / 027 278 6770
<b>Type:</b>	Mobile Crane	<b>Boom Configuration:</b>	Hydraulic - teleboom
<b>Official Number:</b>	68654	<b>Rating Sheet:</b>	Stored in cab
<b>Client ID:</b>	LTM 1160-5.2	<b>Capacity:</b>	180T
<b>Manufacturer:</b>	Liebherr	<b>Hoist Rope Diameter:</b>	21.0mmØ
<b>SWL Indicator Type:</b>	Liebherr Liccon	<b>Hooks SWL:</b>	30.0T
<b>Vehicle Type:</b>	2016 Liebherr LTM 1160-5.2	<b>Registration:</b>	NEN 953

## GENERAL

Number	Check	Assessment	Comments
1	SWL & ID Clearly Visible	✓	Clear and well-marked. Satisfactory.
2	Maintenance Records	✓	Maintained by Agtrans, crane in good condition.
3	Rating Sheet (English, with Crane Number)	✓	Liccon computer and hard copy in cab. Satisfactory.

## OPERATIONAL

1	SLI Alarms (Visual, Audible, Cut-out)	✓	Tested - Audible alarm and cut-out all operating. Satisfactory.
2	Anti – Two Block, Main & Fly Jib	✓	Tested main only rigged – Alarm and cut out. Satisfactory.
3	Radius Indicator	✓	Reading 24.2m at load test. Satisfactory.
4	Boom Angle Indicator	✓	Reading 35.1° at load testing. Overluffing alarm, cutout at 82.5°
5	Load test (Load, Boom Length, Radius)	✓	Tested using 3090T weight at 31.1m boom length Warning at 24.2m and cut-out at 24.5m. As per tape and computer.
6	Brake Test	✓	No creep noted during load testing. Satisfactory.

## CONDITION

1	Cab (Controls, emergency Stop, Horn)	✓	Controls, E-stop and horn tested and in good working order.
2	Outriggers	✓	Good condition with no concerns noted. Well-marked for safety.
3	Front Stabiliser Leg	N/A	
4	Wheels / Tyres / Tracks	✓	10 x Tyres. No rips or tears noted. Good condition.
5	Chassis & Super Structure	✓	N rust or damage, in very good condition. Satisfactory.
6	Hydraulic Rams & Hoses	C	<b>Minor surface rust on main ram fitting, all others satisfactory.</b>
7	Slew Ring bearing & Bolts	✓	Secure and in good operational condition. Satisfactory.
8	Counterweight & Signage	✓	Well signed and in good condition and secure. Satisfactory.
9	Brakes & Clutches (Wear Indicators)	✓	No excessive wear noted. Satisfactory.
10	Pawl Brake	✓	Activated at testing and in good working order. Satisfactory.
11	Ropes (Terminations, Length)	✓	Main rope rigged only and in good condition. 21mm Ø.
12	Sheaves	✓	Satisfactory condition.
13	King Post & Luffing Gear	✓	Clean and tidy condition with no concerns noted. Satisfactory.
14	Boom / Jib (Wear Pads & Extension Ropes)	✓	5 x Ext. Visually in good condition.
15	Fly Jib & Attachments	C	<b>Stored in yard at time of inspection. Not seen.</b>
16	Hooks & Blocks	✓	30T Bull horn Hook – Y-160, actual =160mm both sides.
17	Other	C	<b>Wind gusts at 17m/S at time of inspection – Wind speed alarm working.</b>

## 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: 29/11/2024**

Equipment Inspector: Alan Winch	Reviewed By: Peter George
Alan Winch – Authorised Signatory	




# Mobile Crane Inspection Report



## Crane Certificate of Inspection



Client:	Agtrans Ltd.	Job Number:	J14542-SI01
Controller:	Phill/CJ	Date of Inspection:	17/10/2023
Controller's Address:	24 Fitzgerald Lane, Hawera Taranaki	Official Number:	68654
Equipment ID:	LTM 1160-5.2	Safe Working Load:	180.0 Ton (Max)
Equipment Desc:	Mobile Crane – Reg: NEN 953	Manufacturer:	Liebherr - 2016
Purpose:	Customer lifting requirements	Crane Type:	Mobile
Location:	New Zealand Wide	<b>Date of Expiry:</b>	<b>29/11/2024</b>
<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>			
<b>Equipment Inspector:</b>	<b>A.Winch</b>	<b>Authorised Signatory:</b>	<b>A.Winch</b>
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