

Mobile Crane Inspection Report



Job & Report Number:	J12618-SI01	Inspection Date:	21/11/2022
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:	68654	Rating Sheet:	Stored in cab
Client ID:	LTM 1160-5.2	Capacity:	180T
Manufacturer:	Liebherr	Hoist Rope Diameter:	21.0mmØ
SWL Indicator Type:	Liebherr Liccon	Hooks SWL:	30.0T
Vehicle Type:	2016 Liebherr LTM 1160-5.2	Registration:	NEN 953

GENERAL

Number	Check	Assessment	Comments
1	SWL & ID Clearly Visible	✓	Visibly marked. Satisfactory.
2	Maintenance Records	✓	Satisfactory. Crane in good condition.
3	Rating Sheet (English, with Crane Number)	✓	Liccon computer and copy in cab. Satisfactory.

OPERATIONAL

1	SLI Alarms (Visual, Audible, Cut-out)	✓	Audible alarm and cut-outs tested and operating. Satisfactory.
2	Anti – Two Block, Main & Fly Jib	✓	Tested main only – Alarm and cut out. Satisfactory.
3	Radius Indicator	✓	Accurate reading 14.1m at load test. Satisfactory.
4	Boom Angle Indicator	✓	Reading 47.4° at testing. Satisfactory.
5	Load test (Load, Boom Length, Radius)	✓	Tested using 12.2T weight (1 boom 22.1m) Warning at 14.0m and cut-out at 14.2m. As per tape and computer.
6	Brake Test	✓	At load testing, no creep noted. Satisfactory.

CONDITION

1	Cab (Controls, emergency Stop, Horn)	✓	E-stop tested as well as controls. In good functional condition.
2	Outriggers	✓	2 x front, 2 x Rear fully extended at load test in good condition.
3	Front Stabiliser Leg	N/A	
4	Wheels / Tyres / Tracks	✓	10 x Tyres. Serviceable condition.
5	Chassis & Super Structure	✓	Tidy condition with no signs of deterioration. Satisfactory.
6	Hydraulic Rams & Hoses	✓	Rams and hoses in good condition. Satisfactory.
7	Slew Ring bearing & Bolts	✓	No unusual or excessive movement noted at inspection. Satisfactory.
8	Counterweight & Signage	✓	Tested counterweight management system, well signed. Satisfactory.
9	Brakes & Clutches (Wear Indicators)	✓	No concerns. Satisfactory.
10	Pawl Brake	✓	Tested and in good operating condition.
11	Ropes (Terminations, Length)	✓	Main only rigged. 21mm Ø. Satisfactory condition.
12	Sheaves	✓	Serviceable condition.
13	King Post & Luffing Gear	✓	No anomalies or concerns noted. Satisfactory.
14	Boom / Jib (Wear Pads & Extension Ropes)	✓	5 x Ext. Visually checked and in good condition.
15	Fly Jib & Attachments	✓	Stored on crane, Lattice welds and condition very good.
16	Hooks & Blocks	✓	Main 30T Bull horn Hook – Y-160, actual =160mm both sides.
17	Other	C	Main Ram Hydraulic fittings corroding – recommend paint

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: 29/11/2023


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

Mobile Crane Inspection Report



Crane Certificate of Inspection



Client:	Agtrans Ltd.	Job Number:	J12618-SI01
Controller:	Phill/CJ	Date of Inspection:	21/11/2022
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	Date of Expiry:	29/11/2023
<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
Sentinel Inspection Services Ltd. is an IANZ Accredited Inspection Body All enquires phone (06) 281 1302		www.sentineltd.co.nz	 No. 128