

Mobile Crane Inspection Report



Job & Report Number:	J10631-SI01	Inspection Date:	29/11/2021
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	✓	Marked clearly.
2	Maintenance Records	✓	"Agtrans" scheduled programme. satisfactory
3	Rating Sheet (English, with Crane Number)	✓	Stored in cab, and Liccon computer. Satisfactory.

OPERATIONAL

1	SLI Alarms (Visual, Audible, Cut-out)	✓	Tested and audible alarm and cut-outs operating satisfactory.
2	Anti – Two Block, Main & Fly Jib	✓	Tested, satisfactory.
3	Radius Indicator	✓	Accurate at load test. Satisfactory.
4	Boom Angle Indicator	✓	Satisfactory.
5	Load test (Load, Boom Length, Radius)	✓	Tested using 2.5T weight (4 boom sections at 46% capacity.) Warning at 19.9m and cut-out at 20.7m. As per tape and computer.
6	Brake Test	✓	No creep at noted at load test. Satisfactory.

CONDITION

1	Cab (Controls, emergency Stop, Horn)	✓	E-stops and all 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 in good condition
5	Chassis & Super Structure	✓	Clean and tidy condition. Satisfactory.
6	Hydraulic Rams & Hoses	✓	Tidy condition, no damage or leaks noted. Satisfactory.
7	Slew Ring bearing & Bolts	✓	No anomalies noted at inspection. Satisfactory.
8	Counterweight & Signage	✓	No counterweights loaded, sighted in yard. Satisfactory.
9	Brakes & Clutches (Wear Indicators)	✓	Satisfactory.
10	Pawl Brake	✓	Satisfactory condition.
11	Ropes (Terminations, Length)	✓	21mm Ø, No abnormal wear noted. satisfactory
12	Sheaves	✓	Good condition.
13	King Post & Luffing Gear	✓	Tidy condition, no anomalies noted. Satisfactory.
14	Boom / Jib (Wear Pads & Extension Ropes)	✓	5 x Extensions all in good condition.
15	Fly Jib & Attachments	✓	Stored on crane, good tidy condition.
16	Hooks & Blocks	✓	30Ton Hook in good condition.
17	Other		

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: 29/11/2022

Equipment Inspector: Alan Winch	Reviewed By:
P.Hudson – IANZ Signatory	




Mobile Crane Inspection Report



Mobile Crane Certificate of Inspection



Client: Agtrans Ltd	Job Number: J10631-SI01
Address: 24 Fitzgerald Lane, Hawera	Date of Inspection: 29/11/2021
Controller: Phill / CJ	Official Number: 68654
Client ID: LTM 1160-5.2	Capacity: 180.0 Tonnes (Max at 2.5m)
Type / Description: Mobile Crane	Manufacturer: Liebherr LTM 1160-5.1
Vehicle Type / Rego: Liebherr / NEN 953	Location: New Zealand Wide.
Crane Year / Serial no: 2016 / 068 654	Date of Expiry: 29/11/2022
<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 / P.Hudson - IANZ Signatory	
Sentinel Inspection Services Ltd.	All enquires phone (06) 281 1302 www.sentineltd.co.nz