

# Mobile Crane Inspection Report



<b>Job &amp; Report Number:</b>	J4358-SI01	<b>Inspection Date:</b>	10/05/2018
<b>Client / Equipment Holder:</b>	Agtrans Limited	<b>Contact Person:</b>	Phill / CJ
<b>Address:</b>	24 Fitzgerald Lane, Hawera,	<b>Contact Number:</b>	0800 AGTRANS / 0272786770
<b>Type:</b>	All Terrain Mobile Crane	<b>Boom Configuration:</b>	4 x Hydraulic Tele-boom
<b>Official Number:</b>	055933	<b>Rating Sheet:</b>	Incorporated in Liebherr Loadmaster
<b>Client ID:</b>	Liebherr Crane 55 ton	<b>Capacity:</b>	55 tonnes
<b>Manufacturer:</b>	Liebherr LTM1055-3.1	<b>Hoist Rope Diameter:</b>	15mm
<b>SWL Indicator Type:</b>	Liebherr Loadmaster	<b>Hooks SWL:</b>	4.0 ton & 33.0 ton
<b>Vehicle Type:</b>	2005 Liebherr	<b>Registration:</b>	DBD 435

## GENERAL

Number	Check	Assessment	Comments
1	SWL & ID Clearly Visible	<b>C</b>	<b>Official number to be marked on crane.</b>
2	Maintenance Records	✓	Satisfactory order.
3	Rating Sheet (English, with Crane Number)	✓	Incorporated in Liebherr loadmaster & also stored in cab. In order

## OPERATIONAL

1	SLI Alarms (Visual, Audible, Cut-out)	✓	Visual, audio & cut-out tested satisfactorily.
2	Anti – Two Block, Main & Fly Jib	✓	Alarm and cut-out tested satisfactorily on both sets.
3	Radius Indicator	✓	Satisfactory working order.
4	Boom Angle Indicator	✓	Mechanical plus incorporated in Liebherr loadmaster. In good order.
5	Load test (Load, Boom Length, Radius)	✓	Tested using 3.9ton load, warning at 23.1m and cut-out at 24.4m radius, reading corresponding to load chart and tape measure.
6	Brake Test	✓	No creep evident at rated load.

## CONDITION

1	Cab (Controls, emergency Stop, Horn)	✓	All in good working order.
2	Outriggers	✓	4 x outriggers, in satisfactory condition.
3	Front Stabiliser Leg	n/a	
4	Wheels / Tyres / Tracks	✓	6 x tyres. All, satisfactory condition.
5	Chassis & Super Structure	✓	Neat & tidy.
6	Hydraulic Rams & Hoses	✓	In satisfactory condition. No evidence of any leak.
7	Slew Ring bearing & Bolts	✓	Satisfactory. No anomalies noted.
8	Counterweight & Signage	✓	Clearly posted.
9	Brakes & Clutches (Wear Indicators)	✓	Satisfactory condition.
10	Pawl Brake	✓	Park and slew brakes, in satisfactory order.
11	Ropes (Terminations, Length)	✓	No kink or broken strand evident on both main & auxiliary ropes.
12	Sheaves	✓	No abnormal wear evident.
13	King Post & Luffing Gear	✓	No anomalies noted.
14	Boom / Jib (Wear Pads & Extension Ropes)	✓	4 x extension, in satisfactory condition.
15	Fly Jib & Attachments	c	Not rigged. Stored on crane at time of inspection. Satisfactory.
16	Hooks & Blocks	✓	Main hook fitted during inspection. No concern noted.
17	Other	✓	Crane year mfg. 2005. Serial no. 055933.

## LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	NA	Not Applicable
	• Crane last inspected by SGS M&I on 24/08/2017.		

Additional Comments / Photos:



This item has been inspected in accordance with the relevant codes & standards and is **being** / ~~not being~~ recommended for certification.

**Expiry Date: 10/05/2019**

Equipment Inspector:	Reviewed By:
B.Mohan - IANZ SIGNATORY 	

# Mobile Crane Inspection Report



## Mobile Crane Certificate of Inspection



Client: Agtrans Limited.

Address: 24 Fitzgerald Lane, Hawera.

Controller: Phill /CJ

Client ID: Liebherr Crane 55ton

Type / Description: Mobile Crane / Liebherr LTM1055 3.1

Vehicle Type / Rego: Liebherr / DBD 435

Crane Year / Serial No: 2005 / 055933.

Job Number: J4358-SI02

Date of Inspection: 10/05/2018

Official Number: 055933

Capacity: 55 Tonnes

Manufacturer: Liebherr Cranes

Location: New Zealand Wide.

**Date of Expiry:** 10/05/2019

*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.*

Equipment Inspector: IANZ Signatory - B.Mohan.



Sentinel Inspection Services Ltd.

All enquires phone (06) 281 1302

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