# Mobile Crane Inspection Report

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|---|---|---|---|
| **Job & Report Number:** | J22659-SI01 | **Inspection Date:** | 26/11/2025 |
| **Client / Equipment Holder:** | Agtrans Ltd. | **Contact Person:** | Logan |
| **Address:** | 24 Fitzgerald Lane, Hawera | **Contact Number:** | 0800 AGTRANS / 027 588 9010 |
| **Type:** | Mobile Crane | **Boom Configuration:** | Hydraulic - Teleboom |
| **Official Number:** | 68654 | **Rating Sheet:** | Stored in cab |
| **Client ID:** | LTM 1160-5.2 | **Capacity:** | 160T |
| **Manufacturer:** | Liebherr | **Hoist Rope Diameter:** | 21.0mmØ |
| **SWL Indicator Type:** | Liebherr Liccon Alarms and Cut outs. | **Hooks SWL:** | 30.0T (Bullhorn) |
| **Vehicle Type:** | 2016 Liebherr LTM 1160-5.2 | **Registration:** | NEN 953 |

| Number | Check | Assessment | Comments |
|---|---|---|---|
| | **GENERAL** | | |
| 1 | SWL & ID Cleary Visible | ✓ | ID plate on cab of crane. Satisfactory. |
| 2 | Maintenance Records | ✓ | Maintained by Agtrans. Satisfactory. |
| 3 | Rating Sheet (English, with Crane Number) | ✓ | Hard copy in cab, onboard computer. Satisfactory. |
| | **OPERATIONAL** | | |
| 4 | SLI Alarms (Visual, Audible, Cut-out) | ✓ | Audible, visual alarms with cut-outs tested. Satisfactory. |
| 5 | Anti – Two Block, Main & Fly Jib | ✓ | Main only – Alarm and winch cut out operating. Satisfactory. |
| 6 | Radius Indicator | ✓ | Reading 22.5m during testing very accurate. Satisfactory. |
| 7 | Boom Angle Indicator | ✓ | Reading 27.1° at load testing. Over luffing cutout 82.6° |
| 8 | Load test (Load, Boom Length, Radius) | ✓ | Using 10t at 26.6m boom length Warning at 21.3m radius and cut-out at 22.5m radius. As per tape and computer. |
| 9 | Brake Test | ✓ | At load testing no creep noted. Satisfactory. |
| | **CONDITION** | | |
| 10 | Cab (Controls, emergency Stop, Horn) | ✓ | ESD, Horn and controls in good working order. Satisfactory. |
| 11 | Outriggers | **C** | **Good tidy condition, bird nests noted inside beams.** |
| 12 | Front Stabiliser Leg | N/A | |
| 13 | Wheels / Tyres / Tracks | ✓ | 10 x Tyres. With no rips or tears. Satisfactory condition. |
| 14 | Chassis & Super Structure | ✓ | No rust or damage, in good condition. Satisfactory. |
| 15 | Hydraulic Rams & Hoses | **C** | **Rusty fitting noted, mostly in good condition with no concerns.** |
| 16 | Slew Ring bearing & Bolts | ✓ | Secure and satisfactory condition with no concerns noted. |
| 17 | Counterweight & Signage | ✓ | Management system checked with good signage. Satisfactory. |
| 18 | Brakes & Clutches (Wear Indicators) | ✓ | No concerns noted. Satisfactory. |
| 19 | Pawl Brake | ✓ | Function tested, operating with no concerns. Satisfactory. |
| 20 | Ropes (Terminations, Length) | **C** | **21mm Ø. New main rope. Certificate No: 800312/350/382922** |
| 21 | Sheaves | **C** | **Minor service wear noted. Serviceable condition**. |
| 22 | King Post & Luffing Gear | ✓ | No concerns noted, in good condition. Satisfactory. |
| 23 | Boom / Jib (Wear Pads & Extension Ropes) | ✓ | 5 x Ext. Secure and visually in damage free condition. Satisfactory. |
| 24 | Fly Jib & Attachments | ✓ | Stored on boom, secure and in good condition. Satisfactory. |
| 25 | Hooks & Blocks | ✓ | 30T Bullhorn Hook, clasps. Satisfactory condition. |
| 26 | Other | **C** | **Minor rust noted in places on Jacks and top of boom** |

**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: 30/11/2026

| Equipment Inspector: Alan Winch | Reviewed By: Peter George |
|---|---|
| Alan Winch – Authorised Signatory | P.George<br>ISSUE DATE: 2/12/2025 |

# Mobile Crane Inspection Report

| Actions | |
|---|---|
| **Action** | **Priority** |
| Item 11: Bird nests inside beams and engine exhaust – Recommend removing nests and fitting covers made from suitable materials. | R |
| Item 15: Main ram hydraulic block fitting extremely rusty – To be replaced by next annual inspection. | M |
| Item 20: Main 21mmØ rope – New rope fitted, Certificate: **800312/350/382922 Serial No: 10025385 – All sighted** | Noted |
| Item 21: Minor wear in sheaves notes – Monitor for further wear and maintain where practical | R |
| Item 26: Minor rusty area's on outrigger jacks and on booms – Recommend rust treatment and paint maintenance to alleviate costs of fixing later. | R |

| Priority: | M | Mandatory by certificate expiry | R | Recommendation |
|---|---|---|---|---|

## Crane Certificate of Inspection

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|---|---|---|---|
| Client: | Agtrans Ltd. | Job Number: | J22659-SI01 |
| Controller: | Phill/CJ | Date of Inspection: | 26/11/2025 |
| Controller's Address: | 24 Fitzgerald Lane, Hawera Taranaki | Official Number: | 68654 |
| Equipment ID: | LTM 1160-5.2 | Safe Working Load: | 160.0 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:** | **30/11/2026** |

*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:* **Alan Winch** *Authorised Signatory:* **Alan Winch**

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