

# Crane Inspection Report

(Knuckle Boom & Straight Boom)



<b>Job &amp; Report Number:</b>	J15644-SI02	<b>Inspection Date:</b>	18/04/2024
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<b>Client / Equipment Holder:</b>	Agtrans Ltd	<b>Contact Person:</b>	Phil / CJ
<b>Address:</b>	24 Fitzgerald Lane, Hawera.	<b>Contact Number:</b>	0800 AGTRANS / 027 278 6770

<b>Type:</b>	Crawler crane	<b>Boom Configuration:</b>	Knuckle Boom
<b>Official Number:</b>	SIS128003	<b>Rating Sheet:</b>	Posted on crane
<b>Client ID:</b>	Crawler Crane	<b>Capacity:</b>	As per rating chart (Max 8.0tons).
<b>Manufacturer:</b>	Palfinger PK40002-EH	<b>Hoist Rope Diameter:</b>	N/A
<b>SWL Indicator Type:</b>	Alarms & Cut-outs	<b>Hooks SWL:</b>	11.5 ton (Max) derates crane from 12200kg
<b>Vehicle Type:</b>	2006 Caterpillar 312C Crawler	<b>Registration:</b>	FCD 987

### GENERAL

Number	Check	Assessment	Comments
1	ID Number Visible	✓	Sign written logo clearly marked. Satisfactory.
2	Maintenance Records	✓	"Agtrans" inhouse maintenance team. Satisfactory.
3	Load Radius Rating Chart (English)	✓	Chart PK40002-EH E, Satisfactory condition.
4	LT 400 (Only on First Inspection)	N/A	

### OPERATIONAL

1	Overload Protection System	✓	Alarms, cut-outs tested. Including over luffing alarm operating satisfactory.
2	Load Holding Valves (if required)	✓	Satisfactory working condition.
3	Load Test	✓	Tested using 3090kg warning at 8.3m and cut-out at 9.3m over front of crawler crane and 5.4m warning and 5.8m tested over back of crane.
4	Sag Rate	✓	No creep noted during load testing. Satisfactory.
5	Stabiliser Check valves (if required)	✓	On all 4 spreader legs. Satisfactory working order.
6	Hoist Winch	C	<b>Winch and rope to be inspecting by competent person before use.</b>
7	Hydraulics	C	<b>Tubing on extensions damaged – maintenance/replacement. Weep noted on ram seals. Serviceable.</b>
8	Controls	✓	<b>Remote operating satisfactory. 2 x E-stops on crane tested and working, 3 x E-stops on crawler working (shuts down engine)</b>
9	Extensions (visible locks, position indicator)	✓	6 x hyd. and 1 x man. Satisfactory condition.

### CONDITION

1	Crane Mounting (base stops, spacers)	✓	Welded base stops secure. Satisfactory condition.
2	Crane Base (bolting, pins, bushes, locks)	✓	All fixings secure and serviceable condition.
3	Extension Beam(s) & Jacks	✓	Front, rear. Satisfactory condition. LEDs and reflective tapes fitted.
4	Extensions (wear pads, locks)	C	<b>Minor wear noted. Serviceable condition and secure.</b>
5	Slew Bearing / Slew bearing / Bolts	✓	No excessive wear noted. Satisfactory condition.
6	Crane Body (bolting, pins, bushes, locks)	✓	In place, locked in position and secured.
7	Inner Boom (pins, bushes, locks)	✓	Secured and locked in position. Satisfactory condition.
8	Outer Boom (pins, bushes, locks)	✓	Locked by circlips and fixings. Satisfactory.
9	Extending Booms (wear pads)	C	<b>Recommend maintenance.</b>
10	Hooks & Hook attachments	✓	SWL 11.5 ton and clasp. Shackle 11.0ton SWL. Satisfactory.
11	Ropes (terminations, length)	C	<b>Rope on winch requires inspection by competent person before use.</b>
12	Tracks	C	<b>Track tension RHS loose – Recommend maintenance.</b>
13	Hydraulic Tank & Hoses	C	<b>Minor chafing damage noted. Serviceable condition.</b>
14	Other	C	<b>Grouser bolts loose, both sides - Recommend maintenance.</b>

### LEGEND

✓	Acceptable	C	Comment
✗	Not Acceptable	NA	Not Applicable

Additional Comments / Photos: Year mfg.2014. Serial no.100181769.



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

**Expiry Date: 03/05/2025**

Equipment Inspector: Alan Winch, Mark Bright	Reviewed By: Peter George
A.Winch – Authorised Signatory	P.George




# Crane Inspection Report

(Knuckle Boom & Straight Boom)



## Crane Certificate of Inspection



Client:	Agtrans Limited	Job Number:	J15644-SI02
Controller:	Phill / CJ	Date of Inspection:	18/04/2024
Controller's Address:	24 Fitzgerald Lane Hawera Taranaki	Official Number:	SIS128003
Equipment ID:	Crawler Crane - Reg: FCD 987	Safe Working Load:	11.5 Tonnes (Max)
Equipment Desc:	Caterpillar 312C/PK40002-EH	Manufacturer:	Palfinger - 2014
Purpose:	Customer lifting requirements	Crane Type:	Crawler-Knuckleboom
Location:	New Zealand Wide	Serial Number:	100181769
		<b>Date of Expiry:</b>	<b>3/05/2025</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>			
Equipment Inspector:	<b>A.Winch</b>	Authorised Signatory:	<b>A.Winch</b>
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