

Crane Inspection Report

(Knuckle Boom & Straight Boom)



Job & Report Number:	J22527-SI02 Rev 01	Inspection Date:	01/04/2026 (re-inspection 09/04/2026)
Client / Equipment Holder:	Agtrans Ltd	Contact Person:	Logan Wileman
Address:	24 Fitzgerald Lane, Hawera.	Contact Number:	0800 AGTRANS / 027 278 6770
Type:	Crawler crane	Boom Configuration:	Knuckle Boom
Official Number:	SIS128003	Rating Sheet:	Posted on crane
Client ID:	Crawler Crane	Capacity:	8.0t As per rating chart (Max 12,200kg)
Manufacturer:	Palfinger PK40002-EH	Hoist Rope Diameter:	N/A
SWL Indicator Type:	Alarms & Cut-outs	Hooks SWL:	11.5ton (Max) derates crane from 12,200kg
Vehicle Type:	2006 Caterpillar 312C Crawler	Registration:	FCD 987

Revision Details: Hydraulic oil leaks repaired, Boom wear pads replaced.

GENERAL

Number	Check	Assessment	Comments
1	ID Number Visible	✓	Agtrans logo sign written. Satisfactory.
2	Maintenance Records	✓	Maintained in house by Agtrans. (2273hrs, Machine. 1583hrs, Crane)
3	Load Radius Rating Chart (English)	✓	Chart PK40002-EH E, Satisfactory condition.
4	LT 400 (Only on First Inspection)	N/A	

OPERATIONAL

5	Overload Protection System	✓	Alarms, cut-outs tested, including over luffing. Operating satisfactory.
6	Load Holding Valves (if required)	✓	Holding at load test. Satisfactory.
7	Load Test	✓	Using 3010kg warning at 5m and cut-out at 5.7m over front of crane.
8	Sag Rate	✓	No sag. Checked during load testing. Satisfactory.
9	Stabiliser Check valves (if required)	✓	On 4 outrigger jacks. Satisfactory working order.
10	Hoist Winch	C	Winch and rope to be inspecting by competent person before use.
11	Hydraulics	✓	Leak- observed at end of last extension- Repaired
12	Controls	✓	2 x E-stops on crane tested and working, 3 x E-stops on crawler unit shuts down engine. Separate control for crawler function locks out crane function.
13	Extensions	C	Operationally satisfactory.

CONDITION

14	Crane Mounting (base stops, spacers)	C	Surface rust on inner welded base stops. Serviceable condition.
15	Crane Base (bolting, pins, bushes, locks)	✓	Secure and in place. Satisfactory condition.
16	Extension Beam(s) & Jacks	C	Left rear and right front LED light not working. Serviceable condition
17	Extensions (wear pads, locks)	C	Left rear outrigger hoses rub on jack pad keeper when in stowed position.
18	Slew Bearing / Slew bearing / Bolts	C	Minor wear. Serviceable condition.
19	Crane Body (bolting, pins, bushes, locks)	C	Serviceable condition and secure with minor wear noted.
20	Inner Boom (pins, bushes, locks)	✓	Locked in position and secure. Satisfactory condition.
21	Outer Boom (pins, bushes, locks)	C	Fixings and circlips in place with minor pin wear noted. Serviceable.
22	Extending Booms (wear pads)	✓	Wear pads first boom section- Replaced
23	Hooks & Hook attachments	✓	SWL 11.5 ton and clasp. Shackle 11.0ton SWL. Serviceable.
24	Ropes (terminations, length)	C	Rope on winch requires inspection by competent person before use.
25	Tracks	C	Lower track guide spacers corroded. Serviceable condition.
26	Hydraulic Tank & Hoses	C	Rubber outer sheath on Right rear jack hoses worn through.
27	Other	C	Some rust on chassis noted. Recommend maintenance.

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: Not certifiable in current condition.

Equipment Inspector: Mark Bright	Reviewed By:
A.Winch – Authorised Signatory	Alan Winch
	Date of Issue: 09/04/2026

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Actions		Priority
Item 10, 24: Before Winch and rope is used it is recommended to be inspected by competent person.		R
Item 16: repair outrigger LED lights		R
Item 17, 26: Modify right rear jack pad keeper so it does not wear through hydraulic hose. Monitor hose.		R
Item 25: Monitor rusty spacers on track guides (Photo 3)		
Item 14, 27: Rust noted in places on crane chassis and structure – Recommend paint maintenance		R
Priority:	M Mandatory by certificate expiry	R Recommendation

Crane Certificate of Inspection		SENTINEL INSPECTION SERVICES LTD.	
Client:	Agtrans Limited	Job Number:	J23527-SI02 Rev 01
Controller:	Logan Wileman	Date of Inspection:	02/04/2026 (re-inspected 09/04/2026)
Controller's Address:	24 Fitzgerald Lane Hawera Taranaki	Official Number:	SIS128003
Equipment ID:	Crawler Crane - Reg: FCD 987	Safe Working Load:	8.0 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
		Date of Expiry:	30/04/2027
<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:	Mark Bright	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