

ON-TRACK PLANT

ENGINEERING CONFORMANCE CERTIFICATE

This certificate is issued in accordance with RIS-1710-PLT Issue 2.1

NAME OF CERTIFICATION BODY
AEGIS Certification Services Ltd

ACCREDITATION CODE
AC

Machine Class/Description Liebherr A924 Rail-1510 (Type 9B)
Machine Owner Shovlin Plant Hire Ltd
Issue Date 13th October 2023
Expiry Date 28th July 2030

Machine Number: **99709 950010-7**

First of Class No
Certificate Number of First of Class AC/0429/23

Authorised by:



ACS-JPC-130

J P Court
AEGIS PAB Signatory



10221

Official Stamp



Reason for Issue and Scope of Work

Previous Certificate:
First approval to RIS-1530-PLT Issue 6

This certificate:
Issued to correct machine description
Up issue to manual

Deviations Associated with this Certificate

Tracker Number None
Description None

Previous Certificate Number: AC/0322/23

Approved User Documentation

ID No.	Title	Issue No.	Date
HMM0015	Liebherr A924 Rail-1510 Operation and maintenance Plan	E	03/05/2023

Machine Data

Gross Mass	24 500 kg	Gauge	Plant
Travelling mode plant gauge exceedance	114 mm vertically in lower sector W6a Gauge compliant		
Tailswing gauge exceedance	700 mm	Tailswing Height	1426 mm
Front end equipment gauge exceedance	5690 mm	RCI Software Version	9.61
Hydraulic park brake pressure	100 bar	Hydraulic service brake pressure	0-80 bar
Air service brake pressure	8.5 bar	Air park brake pressure	8.5 bar

Approved Values

Bucket Pin SWL	10 000kg	Auxiliary Lifting Point SWL	7 500 kg
Quick Hitch SWL	10 500kg	Maximum number of people	2
Maximum towed load	80 000 kg	Maximum no. of trailers	4

Approved Track Conditions

	Travelling Mode	Working Mode	On/off-tracking
Maximum gradient	1:25	1:25	1:25
Maximum cant	150 mm	150 mm	150 mm
Minimum curve radius	80 m	80 m	

Use in Electrified Areas

		Travelling Mode	Working Mode	On/off-tracking
Overhead Line Equipment	Live	Yes	Yes	Yes
	Isolated	Yes	Yes	Yes
3rd / 4th Rail	Live	No	No	No
	Isolated	Yes	Yes	Yes

Approved Maximum Speeds

	Travelling Mode	Working Mode
Plain Line	12.5 mph	5 mph
Switches and Crossings	5 mph	5 mph
Raised check and guard rails	5 mph	5 mph
Reverse	5 mph	5 mph
Towing	8 mph	5 mph

Limitations of Use

1. The machine shall not be used outside a possession.
2. The maximum number of people transported on this machine shall not exceed the value given in the Approved Values section of this ECC.
3. Lifts shall not exceed any SWL given in the Approved Values section of this ECC.
4. The maximum towed load shall not exceed the value given in the Approved Values section of this ECC.
5. The maximum number of trailers shall not exceed the number given in the Approved Values section of this ECC.
6. The machine shall not be used on track conditions in excess of those given in the Approved Track Conditions section of this ECC.
7. The machine speed shall not exceed the values given in the Approved Maximum Speeds section of this ECC.
8. Machine exceeds plant gauge in travelling mode, see Machine Data section of this ECC.
9. The machine exceeds the stated gauge in working mode, see Machine Data section of this ECC.
10. If adjacent lines are open to traffic, this machine shall be used only if a safe system of work has been adopted to take account of the extra gauge exceedance caused by attachments
11. Ground staff shall control reverse movements.
12. The machine is to proceed at walking speed and ground staff control the movement in reverse until the superstructure can be slewed to face direction of travel.
13. The machine may only operate with the access adjacent to a cess or a line closed to all train movements or the documented safe system of work must take account of adequate safe clearances to adjacent lines.
14. Not to be used ALO on LU.

15. This machine is suitable for On/off-tracking, traveling and working under the live OLE when used in conjunction with a safe system of work.
16. The machine shall not on/off-track, travel or work on live conductor rail lines.
17. Where an attachment is known to have a significant adverse effect on stability the RCI shall always be in "Lift Mode" when using the attachment.

Supplementary Information

1. The machine's first approval for seven years was assessed against RIS-1530-PLT issue 6.
2. The machine is a Liebherr 924 road rail conversion.
3. The machine is fitted with: 2.08m Artic, 3.40m Boom & 1.85m Dipper
4. The machine is fitted with a High Performance Movement Limiting Device.
5. Duty chart reference: Liebherr 924 K131298 2.08m + 3.40m + 1.85m dated 24-July-2023

Serial Number	K131298
Fleet Number	Giga L - 1298