

# RRV 12 MONTHLY INSPECTION FORM

Examine / Check / Test each item listed below (use machine specific service manual & maintenance plan for information regarding inspection procedures and criteria). Indicate in the appropriate space below as each item has been performed. If the item is not found acceptable, describe each discrepancy in the comment space on the rear. Take immediate action to correct all discrepancies or remove machine from service.

Confirm Maintenance Plan Used

Giga SPMM 0007 Iss 2	Case SPMM 0001 Iss 4 / 5	924 AJH 146 Shovlin Iss3	✓ Valtra RMQ60080V01 Iss 2
Giga ZM50005083 Iss 2	Case SPMM 0001 Iss 6 / 7	924 HMM0015 Iss E	
	TD12 SPMM0005 Iss 3 / 4	Evo MEWP SPMM 011 Iss2	

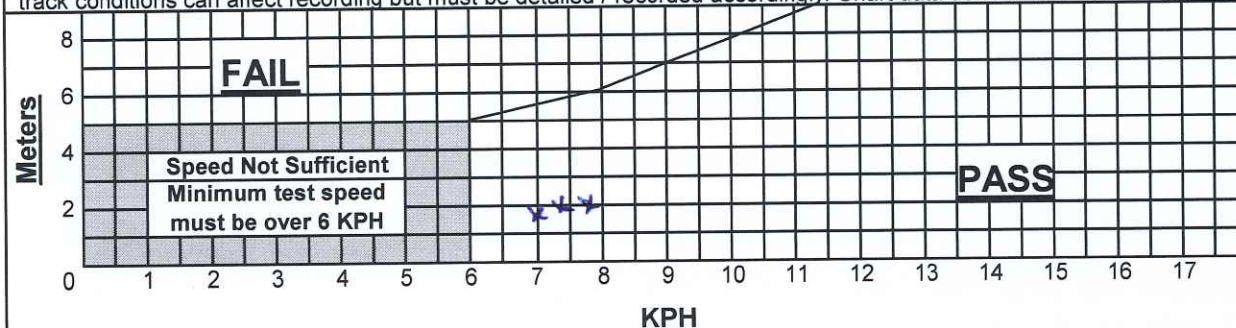
Current Hours	2956	Plant Number	GL9110
Machine Make & Type	LIEBHERR GIGA 924	Serial Number	K119110

Item	Inspection / Check Detail	Result X - ✓ - N/A
1	All pre start checks	✓
2	Grease and lubricate as per maintenance plan	✓
3	All fluid levels correct, hydraulic, batteries, brake etc. Check for leaks.	✓
4	Hydraulic cylinders, pivot pins, pivot points and hoses - Examine	✓
5	Steering locks - Check	✓
6	Trailer park brake pressure - Check/record pressure	✓
7	Service brake filter element - Renew	N/A
8	Brake system general - Check	✓
9	Service brake - Test ( 3 dynamic tests or pull tests or torque hub test)	✓
10	Service brake pressure - Check/record pressure	✓
11	Rail wheel brake system - Examine	✓
12	Parking brake - Test	✓
13	Wheel nuts - Check	✓
14	Rail wheels - Check / Examine Complete SP WIRS 01	✓
15	Rail wheels back to back - Check measurements ( 1358 - 1363 )	✓
16	Rail wheel bearings - Check (spin / lift test)	✓
17	Rail wheel bearings - Examine if fault found during spin / lift test	✓
18	Traction hubs - Check	N/A
19	Road wheels and tyres - Examine	✓
20	Tyres to rail wheel interface-Examine	✓
21	Rail bogie / axle pivots and trunnion - Examine	✓
22	Rail bogies / axles - Examine	✓
23	Rail axle interlocks - Test ( adjust if required )	✓
24	Dozer front bogie / trolley - Check	N/A
25	Dozer front bogie / trolley brake pads - Check	N/A
26	Dozer front bogie / trolley brake - Check	N/A
27	Emergency recovery system operation - Test	✓
28	Operation of all lights - Check / Examine	✓
29	Operation of horn - Check / Test Complete Horn and RCI Sounder Test Results Sheet SP-HT 01	✓
30	Glass and wipers - Check	✓
31	Safety labels - Check	✓
32	Recovery tow bar and hitches condition and security - Check	✓
33	Underframe and super structure - components and welds - Check	✓
34	Slew locks - Check	✓
35	Rated capacity indicator - Test and complete data download ( record results on LAFT form and attach )	✓
36	Visibility of paintwork and overall appearance, including yellow panels - Check	✓
37	Trailer brake away siren - Test	✓
38	Electrical components / connections / wiring - Check	✓
39	Ballast weight - Check	✓
40	Earth bond cables - Test and Examine using Resistance Ohmmeter 622424	✓
41	Check valves - Check	✓
42	Fire extinguisher - Examine	✓



Item	Inspection / Check Detail	Result X - ✓ - N/A
43	LOLER cert / lifting accessories and safety devices - Check	✓
44	Auxiliary lifting point/s (if fitted) and decals - Examine	✓
45	Quick hitch - Examine if fitted	✓
46	Machine cab file - Check	✓
47	Tracks / running gear - Check	N/A
48	ALO device / Dual height limiter - Test and Examine	✓
49	Rail head scrapers - Examine	✓
50	Overload sounders - Check Complete Horn and RCI Sounder Test Results Sheet SP-HT 01	✓
51	Camera system - Check	✓
52	Basket and harness points - Examine	N/A
53	Torque hub brake adaptors - Examine	✓
54	Air Brake Pressure Check - Record Pressure	✓

Record details of Static Brake Test torque test readings for Service Brake (SB) and Park Brake (PB) per wheel or alternatively, if conducting on track testing, of three stopping distances on chart below. If any recording differs by 10% from the previous test then investigate / retest. If any recordings are in the fail section investigate and then retest. Adverse track conditions can affect recording but must be detailed / recorded accordingly. Chart data derived from RIS 1530 PLT.



#### CALIBRATED TOOLS USED

Type	Serial Number	Date
HYD GAUGE	362634	8.1.26
AIR LINE GAUGE	7072294	24.1.26
TORQUE WRENCH		25.7.25

#### Comments / Additional Work - Checks

##### EARTH BOND TEST RESULTS

Dipper End to Left Rail 0.1574m Ω

Dipper End to Right Rail 0.7941m Ω

SLW BRAKE TEST PASSED 1100KJ.  
AUX LIFT POINT IN GOOD ORDER  
MACHINE IN GOOD ORDER

I certify the above checks / examinations have been conducted and any corrective actions required have been completed and recorded.

Signed

Print

D. Scudlows

Date completed

22.04.25.

# SHOVLIN PLANT

## HIRE LIMITED

### UIC Profile

### WHEELSETS INSPECTION

Date:	22.04.25		
Machine:	LIEBHERR 924		
Serial No:	K119110	Location:	YARD
Plant No:	GL9110	Hours:	2956

#### Inspection Point

#### Inspection Limits

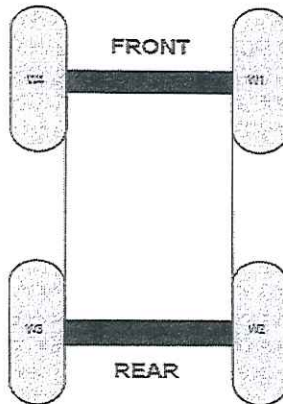
Damage	Axle, Wheel and Cover
Damage	Wheel tread and flats (bruising scoring)
Flange back-to-back dimension	New 1358mm to 1362mm
Flange Thickness	New 32mm      Worn 28mm
Flange Height	New 34mm      Worn 36mm
False Flange	2mm
Step in Flange	1.5mm
Tread Hollow	1.5mm
Wheel Flats	Limit >30mm
Cavities	Max 15mm length
Minimum Wheel Diameter	600mm
Bogie axle mountings	Pivot pin wear      Limit 1mm
	Boss wear      Limit 0.5mm
Bearings	Lubrication / Seals      End float limit 0.05mm

The Inspection is to be carried out in accordance with the relevant approved maintenance plan.

#### Equipment to be used:

Back to back Gauge	ID No: LCA7621986	Cal Exp Date: 8.1.26
Flange & Thickness Gauge	ID No: 5573/2	Cal Exp Date: 24.11.25
Profile Gauge		

Flange Width: 32mm  
 Flange Height: 34mm  
 Wheel Dia: 650mm  
 Tyre Squash: 27mm  
 Hollow Wear: 0mm  
 Back to Back: 1360mm  
 Pass / Fail: PASS



Flange Width: 31mm  
 Flange Height: 34mm  
 Wheel Dia: 650mm  
 Tyre Squash: 27mm  
 Hollow Wear: 0mm  
 Back to Back: 1360mm  
 Pass / Fail: PASS

Flange Width: 32mm  
 Flange Height: 34mm  
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As the engineer responsible for executing this testing, I confirm that I have used calibrated equipment and had the relevant training. Prevailing weather conditions did not affect the outcome of this test.

Engineer: D. Scuderi      Signed: [Signature]

As an Approver of Shovlin Plant I confirm that this inspection/test was executed by a suitably qualified service engineer.

Approver: Jacob Shovlin      Signed: [Signature]

