RRV 12 MONTHLY INSPECTION FORM

Examine / Check / Test each item listed below (use machine specific service manual & maintenance plan for information ·arding inspection procedures and criteria). Indicate in the appropriate space below as each item has been performed. ·.·ne 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

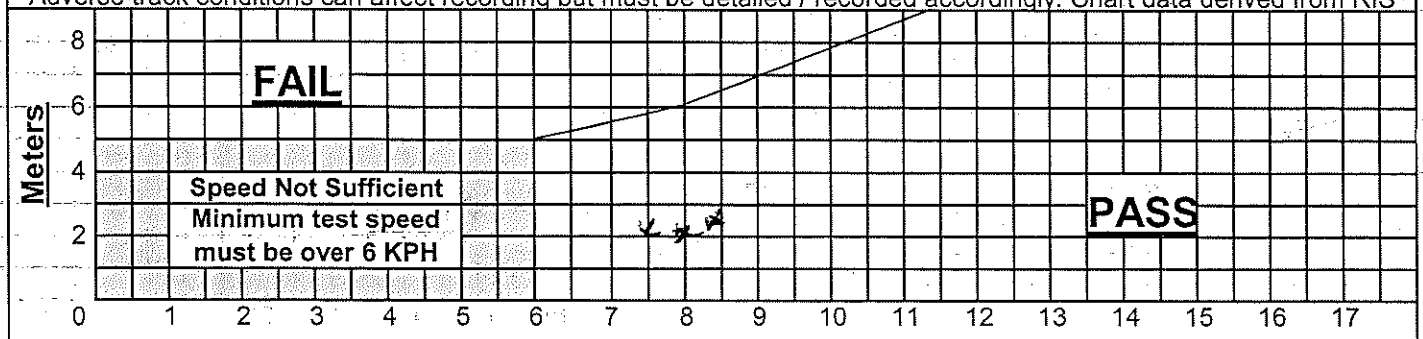
Giga SPMM 0007 Iss 2		Case SPMM 0001 Iss 4 / 5		924 AJH 146 Shovlin Iss3		Valtra RMQ60080V01 Iss 2	
Giga ZM50005083 Iss 2		Case SPMM 0001 Iss 6 / 7		924 HMM0015 Iss E	✓		
		TD12 SPMM0005 Iss 3 / 4		Evo MEWP SPMM 011 Iss2			

Current Hours	1641	Plant Number	GIGA L - 2511
Machine Make & Type	LIEBHERR GKA 924L	Serial Number	K11 32511

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	✓
[illegible]	Steering locks - Check	✓
[illegible]	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	✓
[illegible]	Rail bogies / axles - Examine	✓
[illegible]	Rail axle interlocks - Test (adjust if required)	✓
24	Dozer front bogie / trolley - Check	✓
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	N/A
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	✓
[illegible]	Ballast weight - Check	✓
[illegible]	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	✓
48	ALO device / Duel 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 7.5 bar.	✓

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



ROAD BRAKE TEST PASSED 1.2m

CALIBRATED TOOLS USED

Type	Serial Number	Date
MEGGA METER	622424	3.6.27
HVD CLOCK.	3252285	20.1.27
AIRLINE	3114230	7-1-27
TORQUE WRENCH	XK18847	7-1-27

Comments / Additional Work - Checks

BRAKES TESTED AS PER SERVICE PLAN
SLEW BRAKE TEST PASSED 1210KG
AUX LIFT POINT IN GOOD ORDER
MACHINE IN GOOD ORDER.

EARTH BOND TEST RESULTS

Dipper End to Left Rail 0.0417 KM Ω

Dipper End to Right Rail 0.719KM Ω

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

Signed

Print D. SCHOFIELD

Date completed 29.10.26

SHOVLIN PLANT
HIRE LIMITED

RAIL WHEEL BRAKING TORQUE TEST

Date:	29.10.26		
Machine:	GIGA LIEBHERR 924L		
Serial No:	R132511	Location:	YARD
Plant No:	GL 2511	Hours:	16441

Inspection Point	Inspection Limits	Pass	Fail
Brake Pad Wear	Minimum 3mm	✓	
Brake Pad Damage	None allowed	✓	
Contamination	None allowed	✓	
Brake Pad Adjustment	1mm	✓	
Floating Pins	Clean and lubricate with graphite grease	✓	
Hydraulic Hoses / Fittings	Check for damage / leaks	✓	
Brake Disc Protection	Check for damage / security	✓	
Brake Discs	Check for damage / security	✓	
Fixing / Fasteners	Check for damage / security	✓	
Torque limits	See back of sheet for required limits	✓	

For AJH brake systems, refer to AJH097 for torque test requirements

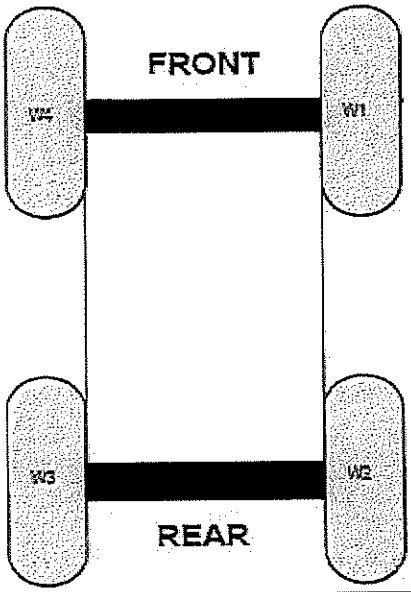
Where OEM torque test figures are not available, the following should be used:

Park Brake (Nm) = **Machine Weight (Kg) / 20** Minimum Park brake required:

Service Brake (Nm) = **Machine Weight (Kg) / 10** Minimum Service brake required:

Equipment to be used:	TORQUE MULTI	ID No:	130056	Cal Exp Date:	1.27
Equipment to be used:	TORQUE WRENCH	ID No:	XK198447	Cal Exp Date:	1.27

Park Brake: 1250NM
Service Brake: 2500NM
Pass / ~~Fail~~ PASS



Park Brake: 1250NM
Service Brake: 2500NM
Pass / ~~Fail~~ PASS

Park Brake: 1250NM
Service Brake: 2500NM
Pass / ~~Fail~~ PASS

Park Brake: 1250NM
Service Brake: 2500NM
Pass / ~~Fail~~ PASS

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. SCHOFIELD Signed: D Schofield

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

Approver: Jacob Shovlin Signed:

SHOVLIN PLANT
HIRE LIMITED

RAIL WHEEL BRAKING TORQUE TEST

Torque Limits

	Park Brake (Nm)	Service Brake (Nm)
Case 988	1350Nm	1684Nm
Giga Railer	1330Nm	2362Nm
Liebherr	1250Nm	2500Nm

	Park Brake (kgF)	Service Brake (kgF)
TD12-1512	1480 kgF	2970 kgF
Other TD12s	1000 kgF	1600kgF