

Unit No: **K619**Site: **KEE - WEDGEFIELD****PM Service & Inspection - Amman ARS200 Roller****Clean unit before carry out PM SERVICE**Make sure the **Unit Backlog file** should be attached on this sheet.

DOWN TIME INFORMATIONDate equipment down 13/5/24 Time: 0705Date equipment up 13/5/24 Time: 1300

Service Meter Reading (SMR)

2526.74 Hrs.

Date

13.5.24

Supervisor

MARIO BERTONE

Signature

ITEM	PART NUMBER	PART NUMBER	DESCRIPTION	SERVICE TYPE / QUANTITY			
	OEM	Inter Change		250	4-760190 500	4-760190 1000	4-760191 2000
1	1320509		Engine Oil Filter		1	1	1
2	1399158		Fuel Filter		1	1	1
3	1301937		Preliminary Fuel Filter		2	2	2
4	1400953		Primary - Air		1	1	1
5	Prim + Sec sold together		Secondary - Air		1	1	1
6	4-5358520121		Hydraulic Filter				1
7	1280287		Hydraulic Tank Breather			1	1
8	1263263		Cab Filter Fresh Air		1	1	1
9	TBA		V Belt Air Con				
10	TBA		Poly V Belt				
11	S30		Cat SOS Bottles	0	1	4	6
			Total Items	0	8	12	15
1	15W/40	Engine Oil	Capacity	16L			
2	Hydraulic 68	Hydraulic System	Capacity	115L			
3	50/50	Coolant	Capacity	48L			
4	15W/40 (Eng Oil)	Vibrator Oil	Capacity	7.5L			
5	80W/90	Drum Drive Gearbox Oil	Capacity	5L			
6	80W/90	Rear Differential Oil	Capacity	2 x 2.5L			
7	50/50	Drum Coolant	Capacity	150L			

Task Details Amman ARS200 Roller

Done: **Initial** Not Done: ***** Repairs or Adjustments Done: **R** Work Order or Further Work Required: **W**

Procedures and Safety Instructions

I

PRE STOP CHECK

TASK	TYPE OF SERVICE			
INITIAL EACH COMPLETED CHECK	250	500	1000	2000

1	Check Operation of monitor panel lights, guages and buzzer		✓		
2	Check for excessive play & wear in articulation / Steering pins and bushes		✓		
3	Inspect magnetic plug LH / RH final drives report results				
4	Inspect hydraulic rods in the extended position for scratches or damage.		✓		

II

SAFETY

5	Isolate and park machine on a level surface		✓		
6	Stop the engine and allow cool down		✓		
7	Isolate machine and fit "Personal & Out of Service Tag"		✓		

"CAUTION"

" Fuel/Oil leaked or spilled onto hot surfaces or electrical components can cause a FIRE. Clean up fuel spills Immediately"

The Person who drains the Oil is Responsible for Refilling the Compartment

OILS AND LIQUIDS IN ALL COMPARTMENTS MAYBE HOT AND CAUSE SERIOUS INJURY

TAKE CARE WHEN DRAINING ANY COMPARTMENT

*** CONSULT MAINTENANCE GUIDE FOR LUBE POINTS and PROCEDURES**

Task Details Amman ARS200 Roller

Done: **Initial** Not Done: ***** Repairs or Adjustments Done: **R** Work Order or Further Work Required: **W**

Procedures and Safety Instructions

III

SERVICE & LUBRICATION (PM CLINIC)

SERVICE and LUBRICATIONS (Manual Hand Grease Pump)

	250	500	1000	2000
8 Record Hour Meter Reading		✓		
SMR 2526.7H				
Engine				
9 Clean air cleaner box (Housing) and air filter dust indicator		✓		
10 Check element primary air cleaner change if required		Change	Change	Change
11 Check element secondary air cleaner (replace if required)		Change	Change	Change
12 Take SOS Sample - engine coolant				Change at 6000
13 Wash radiator and hydraulic coolers / intercooler / AC condensor (Every 1000Hrs)				
14 Check coolant sub tank level		✓		
15 Take SOS Sample - engine oil		✓		
16 Change oil - engine and check level		✓		
17 Change filter - engine oil		✓		
Fuel System				
18 Change filter - primary fuel (fuel-water separator)		✓		
19 Change filter - secondary fuel		✓		
20 Clean Breather - fuel tank		✓		
Hydraulic System				
21 Take SOS Sample - hydraulic oil				
22 Check hydraulic oil level		✓		
23 Change hydraulic oil				
23 Change filter - hydraulic				
24 Clean hydraulic tank breather				
Vibrator System				
25 Take SOS Sample - Vibrator Oils				
26 Check oil level - Vibrator oils		✓		
27 Change oil - Vibrators				

Task Details Amman ARS200 Roller

Done: **Initial** Not Done: ***** Repairs or Adjustments Done: **R** Work Order or Further Work Required: **W**

Procedures and Safety Instructions

Driving Gear / Differential

28	Take SOS Sample - Drum Drive Gearbox				
29	Check oil level - Drum Drive Gearbox		✓		
30	Change oil - Drum Drive Gearbox **Change after first 100Hrs**				
31	Take SOS Sample - Differential				
32	Check oil level - Differential		✓		
33	Change oil - Differential **Change after first 100Hrs**				

Lubrication

34	Lubricate ALL door hinges		✓		
----	---------------------------	--	---	--	--

Others

35	Check battery electrolyte level		✓		
36	Fill windscreen washer tank		✓		

IV

MECHANICAL CHECK AND INSPECTIONS

1. Cabin

37	Check operator access-step / hand holds		✓		
38	Check door latches and window catches.		✓		
39	Check operator seat belt consider replacement at 6000 hrs		✓		
40	Check operator seat and adjustment control		✓		
41	Check operation of windscreen wipers and inspect rubber condition		✓		
42	Check for any oil / fluid leaks onto / into cabin		✓		
43	Check the ROPS / cabin / platform for cracks / damage / wear and loose bolts.		✓		

Air Conditioning

44	Check air conditioning operation		✓		
----	----------------------------------	--	---	--	--

Lamps, Horn, Back-up Alarm, Battery and Fuses/CB

45	Check battery terminals and cables		✓		
46	Tighten battery hold down clamps		✓		
47	Check fuses and circuit breakers		✓		
48	Check lights / horn and back-up alarm		✓		
49	Check operation of ALL lights / warning Indicators.		✓		

Task Details Amman ARS200 Roller

Done: **Initial** Not Done: **X** Repairs or Adjustments Done: **R** Work Order or Further Work Required: **W**

Procedures and Safety Instructions

Others

50	Check pressure gauge fire extinguisher (AFFF) record tag date				✓		
51	Check fire extinguisher bracket for loose bolts or cracks				✓		

2. Engine Area

Engine

52	Check air intake lines are complete without damage or cracks			✓		
53	Check and set engine valve clearance					
54	Check condition of cooling fan - ensure rivets are in good condition			✓		
55	Check ALL V-belts (Conditions + Tension)			✓		
56	Check belts of air conditioner compressor (Conditions + Tension)			✓		
57	Check engine emergency stop and test function			✓		
58	Check fan hub and jockey pulley bearings			✓		
59	Check fan guards are in place and secure			✓		
60	Check for oil leaks into engine area			✓		
61	Check exhaust system for leaks / cracks / broken all loose bolts			✓		
62	Check ALL turbocharger pipes and clamps for tightness			✓		
63	Check ALL engine wiring harnesses are free from rubbing "P" clamps ETC			✓		
64	Check alternator cables / starter motor cables / mounting bolts and brackets.			✓		

Fuel System

65	Check fuel lines for leaks / missing clamps			✓		
66	Check throttle linkage and fuel pump coupling for loose bolts ETC			✓		
67	Check integrity of whole system			✓		

Radiator

68	Check ALL water hose condition and clamps			✓		
69	Check condition of water lines and radiator core clean if required			✓		
70	Check radiator mounting			✓		

Task Details Amman ARS200 Roller

Done: **Initial** Not Done: ***** Repairs or Adjustments Done: **R** Work Order or Further Work Required: **W**

Procedures and Safety Instructions

3. Hydraulic System

71	Check suction line clamps of hydraulic pump for tightness		✓		
72	Check hydraulic cylinder for damage or loose bolts.		✓		
73	Inspect ALL hydraulic hoses / tubes for damage		✓		
74	Check hydraulic control valves for loose bolts and cracked bracket.		✓		
75	Check hydraulic valves for leaks and condition		✓		
76	Check hydraulic pump for loose mounting bolts / clamps or leaks.		✓		

Vibrator

77	Check damping elements		✓		
----	------------------------	--	---	--	--

4. Driving gear / differential

Driving gear

78	Check wheel nut tightness		✓		
79	Check air pressure in tyres		✓		
80	Inspect Scraper and adjust if required		✓		
81	Check for any leaks and hose condition		✓		

Differential

82	Check housing condition		✓		
83	Check for leaks		✓		
84	Check lower frame guards / cracks or loose bolts		✓		

Frame

85	Check belly plate condition		✓		
86	Check frame for damage		✓		
87	Check ALL panel condition		✓		
88	Check drum condition pad / smooth		✓		

Task Details Amman ARS200 Roller

Done: **Initial** Not Done: ***** Repairs or Adjustments Done: **R** Work Order or Further Work Required: **W**

Procedures and Safety Instructions

VI

COMPLETION

89	Check ALL compartment oil Levels " BEFORE STARTING THE MACHINE"		✓		
90	Test drive and check for unusual noises		✓		
91	Remove "Personal & Out of Service Tag"		✓		

Task Special Instruction..

PLEASE Report any DEFECTS or unusual findings to Leading Hand, Supervisor or Superintendent
Supervisor must be fill in the DEFECT Report if any.

List of Serviceman or DONE BY

<u>Name of Personnel</u> <i>Heenan</i>	<u>Signature</u>
---	----------------------

ADDITIONAL ITEMS FOR BACKLOG

ITEM	Unit ID		DESCRIPTION OF DEFECT	COMPLETED Y/N	PARTS	
	Model	H201			IN STOCK	LOCATION
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

Signed Mechanic: _____

Signed Supervisor: _____