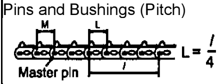
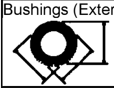
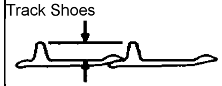
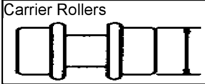
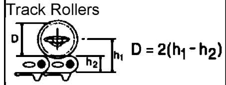
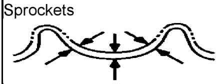
Undercarriage Inspection Service

KOMATSU
Komatsu America International Company

☐ COMPLETE ON SITE

WORK ORDER NO.

Customer Name: TBD	APPLICATION CODE			UNDERFOOT CONDITIONS					Inspection Date:	02/15/2018		
Address:	Application	Ground Condition	Working Condition	TERRAIN	IMPACT	ABRASIVE	MOISTURE	PACKING	Machine Model:	PC138USLC-10	Hours Per Week:	40
City:	00 Unknown	00 Unknown	00 Unknown	☐ LEVEL	☐ HIGH	☐ HIGH	☐ HIGH	☐ HIGH	Complete Serial No.	41299 C1040-N	Equip. No.	C1040-N
State:				☒ ROLLING	☒ NORMAL	☒ MOD.	☒ MOD.	☒ MOD.				
Order No.				☐ STEEP		☐ LOW	☐ LOW	☐ LOW	Attachments	Coupler	SMR Hrs	3583

COMPONENT ☒ OEM Source: OEM	GENERAL INSPECTION SAT: Satisfactory Condition U/S: Unsatisfactory Condition	SAT	U/S	REPAIR HISTORY (SMR/DATE) Installed / Turned/Rebuilt / Hrs On Parts (Left / Right)	SONIC USED? Left	SONIC USED? Right	MEASUREMENT (mm) Left	MEASUREMENT (mm) Right	% WORN TO REPAIR LIMIT Left	% WORN TO REPAIR LIMIT Right	POTENTIAL HOURS (TO 100% WORN) Left	POTENTIAL HOURS (TO 100% WORN) Right	CRITICAL	NOTES
Pins and Bushings (Pitch) 	1.Spec.			3583 / 3583										
	☒ Sealed ☐ Lubricated						L: 702	702	12	12	26275	26275	☐	
	2.Pins Loose	☒	☐				M:		0	0	N/A	N/A	☐	
	3.Pins Welded	☒	☐											
Bushings (External) 	1.Wear Side ☒ Not Turned ☐ Turned			3583 / 3583	☐	☐	50	50	23	23	11995	11995	☐	
	2.Cracked	☒	☐											
	3.Loose	☒	☐											
	4.Heat	☒	☐											
Links	1.Spec. Link Part No			3583 / 3583	☐	☐	89	89	29	29	8772	8772	☐	
	2.Sev. Tread Wear	☒	☐											
	3.Sev.Plates Wear	☒	☐											
	4.Master Links	☒	☐											
Track Shoes 	1.Spec. Type: Single Shoe Width: 510mm			3583 / 3583	☐	☐			0	0	N/A	N/A	☐	
	2.Bent or Cracked	☒	☐											
	3.Sev. Plates Wear	☒	☐											
	4.Bolts Loose	☒	☐											
Idlers	1.Wear Pattern ☐ Inside ☒ Top ☐ Outside; 2. Measurement Type: ☒ Step ▬ Radius			3583 / 3583	☐	☐	19.15	20	6	25	56134	10749	☐	
	3.Cracked	☒	☐											
	4.Guide Adj.	☒	☐											
	5.Oil Leaks	☒	☐											
Carrier Rollers 	1.Out of Round/Packed	☒	☐	3583 / 3583	☐	☐	F 115	115	17	17	17493	17493	☐	
	2.Cracked/Chipped	☒	☐		☐	☐	2 115	115	17	17	17493	17493	☐	
	3.Oil Leaks	☒	☐		☐	☐	3		0	0	N/A	N/A	☐	
Track Rollers  $D = 2(h_1 - h_2)$	1.Spec. D/Flanged(Qty) / S/Flanged(Qty) 8 / 8			3583 / 3583	☐	☐	F 129	130	17	0	17493	N/A	☐	
	2.Out of Rnd/Pcked	☒	☐		☐	☐	2 129	129.5	17	10	17493	32247	☐	
	3.Cracked/Chipped	☒	☐		☐	☐	3 129.5	129.5	10	10	32247	32247	☐	
	4.Oil Leaks	☒	☐		☐	☐	4 129.5	129.5	10	10	32247	32247	☐	
					☐	☐	5 129.5	129.5	10	10	32247	32247	☐	
Sprockets 	1.Wear Pattern ☐ Fr Dr Side ☐ Rr Dr Side ☐ Tip ☐ Root			Judgement	☐	☐	6 129.5	129.5	10	10	32247	32247	☐	
	2.Tooth Bolts Loose	☒	☐	B Good	☐	☐	7 129.5	129.5	10	10	32247	32247	☐	
	3.Cracked/Chipped	☒	☐	☐ Fair	☐	☐	8 129.5	129.5	10	10	32247	32247	☐	
	4.Severe Side Wear	☒	☐	☐ Poor	☐	☐	9		0	0	N/A	N/A	☐	
	5.F/Drive Oil Leaks	☒	☐		☐	☐	10		0	0	N/A	N/A	☐	

Track Adjustment	SAT	U/S
1.Are the track tension adjustment correct for the application?	☒	☐
2.Recommendation: ☐ 25 mm (1 in) ☒ 50 mm (2 in) ☐ 75 mm (3 in)		
Track Frames		
1.Check deformations, cracks, sev. wear of frames and braces	☒	☐
2.Visual check for track frame alignments	☒	☐
Track Guards (☐ Full ☐ Center ☒ None)		
1.Check deformation, cracks, severe wear and missing guards	☒	☐
2.Check for loose and missing mounting bolts and nuts	☒	☐

Comments:
machine equipped with road liners, 35% wear. some pads are cracked or have edge abrasions

Inspected By:
F.Steudtner