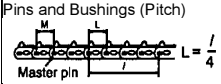
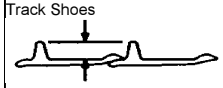
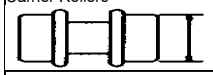
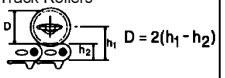
Undercarriage Inspection Service

KOMATSU
Komatsu America International Company

☐ COMPLETE ON SITE

WORK ORDER NO.

Customer Name: TBD **Address:** **City:** **State:** **Order No.**	**APPLICATION CODE** **Application**: 00 Unknown **Ground Condition**: 00 Unknown **Working Condition**: 00 Unknown			**UNDERFOOT CONDITIONS** **TERRAIN**: ☐ LEVEL, ☒ ROLLING, ☐ STEEP **IMPACT**: ☐ HIGH, ☒ NORMAL **ABRASIVE**: ☐ HIGH, ☒ MOD., ☐ LOW **MOISTURE**: ☐ HIGH, ☒ MOD., ☐ LOW **PACKING**: ☐ HIGH, ☒ MOD., ☐ LOW					**Inspection Date:** 12/19/2017 **Machine Model:** PC138USLC-10 **Complete Serial No.** 40086 C0919-N **Attachments** coupler		**Hours Per Week:** 40 **Equip. No.** C0919-N **SMR Hrs** 3078		

COMPONENT	GENERAL INSPECTION		SAT	U/S	REPAIR HISTORY (SMR/DATE) Installed L / R	Turned/Rebuilt L / R	Hrs On Parts L / R	SONIC USED? L / R	MEASUREMENT (mm) L	MEASUREMENT (mm) R	% WORN TO REPAIR LIMIT L	% WORN TO REPAIR LIMIT R	POTENTIAL HOURS (TO 100% WORN) L	POTENTIAL HOURS (TO 100% WORN) R	CRITICAL	NOTES
☒ OEM Source: OEM	SAT: Satisfactory Condition U/S: Unsatisfactory Condition															
Pins and Bushings (Pitch) 	**1.Spec.** ☒ Sealed ☐ Lubricated	**2.Pins Loose** **3.Pins Welded**	☒ ☒	☐ ☐			3078 3078		L: 702 M:	702	12 0	12 0	22572 N/A	22572 N/A	☐ ☐	
Bushings (External) 	**1.Wear Side** ☐ Not Turned ☐ Turned	**2.Cracked** **3.Loose** **4.Heat**	☒ ☒ ☒	☐ ☐ ☐			3078 3078	☐ ☐	50	50	23	23	10305	10305	☐	
Links 	**1.Spec.** Link Part No	**2.Sev. Tread Wear** **3.Sev.Plates Wear** **4.Master Links**	☒ ☒ ☒	☐ ☐ ☐			3078 3078	☐ ☐	88.3	88.3	44	44	3917	3917	☐	
Track Shoes 	**1.Spec.** Type: Single Shoe Width: 510mm	**2.Bent or Cracked** **3.Sev. Plates Wear** **4.Bolts Loose**	☒ ☒ ☒	☐ ☐ ☐			3078 3078	☐ ☐			0	0	N/A	N/A	☐	
Idlers 	**1.Wear Pattern** ☐ Inside ☒ Top ☐ Outside **2. Measurement Type:**	**3.Cracked** **4.Guide Adj.** **5.Oil Leaks** ☒ Step ▬ Radius	☒ ☒ ☒	☐ ☐ ☐			3078 3078	☐ ☐	20	20	25	25	9234	9234	☐	
Carrier Rollers 	**1.Out of Round/Packed** **2.Cracked/Chipped** **3.Oil Leaks**		☒ ☒ ☒	☐ ☐ ☐			3078 3078	☐ ☐ ☐ ☐ ☐ ☐	F 115 2 115 3	115 115	17 17 0	17 17 0	15028 15028 N/A	15028 15028 N/A	☐ ☐ ☐	
Track Rollers 	**1.Spec.** D/Flanged(Qty) / S/Flanged(Qty) 8 / 8	**2.Out of Rnd/Pcked** **3.Cracked/Chipped** **4.Oil Leaks**	☒ ☒ ☒	☐ ☐ ☐			3078 3078	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	F 128 2 128 3 128 4 128 5 128 6 128 7 128 8 128 9 10	128 128 128 128 128 128 128 128	29 29 29 29 29 29 29 29 0 0	29 29 29 29 29 29 29 29 0 0	7536 7536 7536 7536 7536 7536 7536 7536 N/A N/A	7536 7536 7536 7536 7536 7536 7536 7536 N/A N/A	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	
Sprockets 	**1.Wear Pattern** ☐ Fr Dr Side ☐ Rr Dr Side ☐ Tip ☐ Root	**2.Tooth Bolts Loose** **3.Cracked/Chipped** **4.Severe Side Wear** **5.F/Drive Oil Leaks**	☒ ☒ ☒ ☒	☐ ☐ ☐ ☐	Judgement ☒ Good ☐ Fair ☐ Poor											

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:
unit is equipped with roadliners, some cuts and abresions to some of the shoes. roadliners are worn to 30% at a height at 47mm; new 58mm, repair limit 21mm.

Inspected By:
F.Steudtner