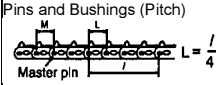
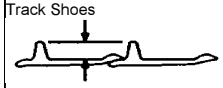
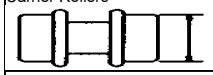
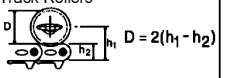
Undercarriage Inspection Service

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:** 09/05/2017 **Machine Model:** D39PX-23 (PLUS) **Complete Serial No.** 90368 C0930 **Attachments**		**Hours Per Week:** 40 **Equip. No.** C0930 **SMR Hrs** 1685	

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 / R	% WORN TO REPAIR LIMIT L / R	POTENTIAL HOURS (TO 100% WORN) L / R	CRIT-ICAL	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**	☒	☐			1685 1685		L: 687 687 M:	4 0	40440 N/A	☐ ☐	
Bushings (External) 	**1.Wear Side** ☒ Not Turned ☐ Turned	**2.Cracked** **3.Loose** **4.Heat**	☒ ☒ ☒	☐ ☐ ☐			1685 1685	☐ ☐	55 55	16 16	8846 8846	☐	
Links 	**1.Spec.** Link Part No	**2.Sev. Tread Wear** **3.Sev.Plates Wear** **4.Master Links**	☒ ☒ ☒	☐ ☐ ☐			1685 1685	☐ ☐	107 106.5	20 25	6740 5055	☐	
Track Shoes 	**1.Spec.** Type: Single Shoe Width: 635mm	**2.Bent or Cracked** **3.Sev. Plates Wear** **4.Bolts Loose**	☒ ☒ ☒	☐ ☐ ☐			1685 1685	☐ ☐	50 50	11 11	13633 13633	☐	
Idlers 	**1.Wear Pattern** ☐ Inside ☒ Top ☐ Outside **2. Measurement Type:**	**3.Cracked** **4.Guide Adj.** **5.Oil Leaks** ☒ Step ▬ Radius	☒ ☒ ☒	☐ ☐ ☐			1685 1685	☐ ☐	19.5 19.5	11 11	13633 13633	☐	
Carrier Rollers 	**1.Out of Round/Packed** **2.Cracked/Chipped** **3.Oil Leaks**		☒ ☒ ☒	☐ ☐ ☐			1685 1685	☐ ☐ ☐ ☐ ☐ ☐	F 158 160 2 3	38 31 0 0 0 0	2749 3750 N/A N/A N/A N/A	☐ ☐ ☐	
Track Rollers 	**1.Spec.** D/Flanged(Qty) 2 / 2 S/Flanged(Qty) 4 / 4	**2.Out of Rnd/Pcked** **3.Cracked/Chipped** **4.Oil Leaks**	☒ ☒ ☒	☐ ☐ ☐			1685 1685	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	F 169 169 2 169 169 3 169 169 4 169 169 5 169 169 6 169 169 7 8 9 10	33 33 33 33 33 33 33 33 33 33 33 33 0 0 0 0 0 0 0 0	3421 3421 3421 3421 3421 3421 3421 3421 3421 3421 3421 3421 N/A N/A N/A N/A N/A N/A 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:

Inspected By:
M.Davis