




SERVICE INFORMATION				TSB 00.00 2021-001 Rev.2 Maintenance Intervals			
		Written By		Jorge Borraro			
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08 15 2022	<b>Alliance Recommended Maintenance Intervals Ver.3 Rev.2 THIS SCHEDULE DOES NOT SUPERSEDE YOUR PUMP MANUAL SCHEDULE</b>						

Group	Checking Point	Daily	Week	100	250	500	1000	Notes
				Hours				
Hydraulic System	Drain condensation from hydraulic oil tank	X						
	Remote filter oil (Filter cart)				X			
	Check hydraulic oil level	X						
	Check for leaks or damage on lines	X						
	Check filter contamination indicator	X						
	Check hydraulic cylinders bolts (visually)	X						
	Change boom pressure filter and accumulator suction filter				(1)	X		(1)
	Change return filter						X	
	Check hydraulic pressures		X					
	Change hydraulic oil							X
Pumping Kit	Check clearance between cutting ring/S-valve	X						
	Check cutting ring wear, rotate if needed	X						
	Check piston cups wear and flange bolts	X						
	Check inside of material cylinders for scoring		X					
	Check main cylinder rod seals for oil leaks	X						
	Check main cylinder rods for scoring		X					
	Check bolts torque inside water box (cylinders and piston cups)				X			
P.T.O. Gear Box	Check oil level, condition and leakage	(4)						
	Full oil change of P.T.O.			(1)		(3)		(1) (3)
Electrical	Function test E-Stop switches	X						
	Visual inspection of wiring	X						
	Check the function of electrical switches	X						
	Check truck batteries connections		X					
	Function test and clean remote control	X						
Greasing	Check automatic greasing system	X						
	Check grease level and ensure no contamination enters reservoir		X					
	Grease the input/output shafts on the P.T.O.		X					
	Grease all nipples on the boom/outriggers	(4)						(4)

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Group	Checking Point	Daily	Week	100	250	500	1000	Notes
				Hours				
Water	Check water level in water box	X						
	Check for contamination in the water box		X					
Turret Structure and Moving Parts	Check reduction gear assembly oil level		X					
	Change reduction gear assembly oil			(1)		(3)		(1) (3)
	Clean and re-pack slewing gear and reducing gear box pinion gear					X		
	Clean reduction gear assembly breather				X			
	Check turret hardware for tightness				X			
	Check mounting hardware for tightness				X			
	Grease hollow pin grease fittings	(4)						
	Grease turret, grease fittings at ground level	(4)						(4)
Hopper	Lubricate all mechanical moving parts		X					
	Check wedges, bolts and pins	X						
	Check wear on bottom hopper door pin	X						
Outrigger Chain And Rollers	Inspect bolts on S-tube swing lever		X					
	Lube chain			(1)	X			
	Check rollers adjustment and chain tension			(1)	X			
	Grease rollers			(1)	X			
Delivery Line	Grease blind rollers (inside outrigger)			(1)	X			
	Check wall thickness		X					
	Check flap elbow and 6" elbow thickness	X						
	Check pipes supports and clamps	X						
Other	Check safety pins	X						
	Check Nitrogen pressure in accumulator		X					
	Clean oil cooler radiator fins				X			
Truck	Check all safety gear	X						
	<b>Check daily if maintenance is due and follow your truck manufacturer's maintenance instructions</b>							

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**NOTES:**

**1: Break-In period is 100 pumping hours**

**2: As Needed, oil test is recommended**

**3: Every 500 pumping hours or once a year, whichever happens first**

**4: Every 24 pumping hours or weekly, whichever happens first**

**This maintenance intervals are based on a daily operation of 8 hours, corresponding to 40 hours per week.**

**If the pumps are operated more frequently, the intervals should be shortened accordingly.**

**THIS ALLIANCE RECOMMENDED SCHEDULE DOES NOT SUPERSEDE YOUR SPECIFIC PUMP MANUAL SCHEDULE**