




SERVICE INFORMATION				TSB-00.00 2021-001 Maintenance Intervals			
Page Count		(3) Page		Written By		Jorge Borraro	
01 22 2021				Department		Service	
		Alliance Recommended Maintenance Intervals Ver.3 <b>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	(2)	
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	(5)							
	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	(5)						(5)	

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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)		(4)		(1) (4)
	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	(5)						
	Grease turret, grease fittings at ground level	(5)						(5)
	Lubricate all mechanical moving parts		X					
Hopper	Check wedges, bolts and pins	X						
	Check wear on bottom hopper door pin	X						
	Inspect bolts on S-tube swing lever		X					
Outrigger Chain And Rollers	Lube chain			(1)	X			
	Check rollers adjustment and chain tension			(1)	X			
	Grease rollers			(1)	X			
	Grease blind rollers (inside outrigger)			(1)	X			
Delivery Line	Check wall thickness		X					
	Check flap elbow and 6" elbow thickness	X						
	Check pipes supports and clamps	X						
	Check safety pins	X						
Other	Check Nitrogen pressure in accumulator		X					
	Clean oil cooler radiator fins				X			
	Check all safety gear	X						
Truck	<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 250 engine hours or 10,000km (6,000 miles)**

**4: Every 6 months or 500 pumping hours, whichever happens first**

**5: 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**