

Eagle Sol-Clay Washer Maintenance Checklist

Daily | Weekly | Monthly | Quarterly | Six-Month | Annual

Key Information			
Site/Operation		Unit/Asset	
PM Interval		Date	
Hours		Employee	

Daily Inspections – Per Shift					
	OK	Repair	*Priority		
Lubricate all applicable components, and ensure that all components receive adequate lubrication (with banked fittings).			1		2
Inspect the inside and bottom of the tub and remove any extraneous material that might interfere with washer startup and rotation.			1		2
Inspect the reducers for excessive heat. If a hot reducer is found, refer to the Reducer section of the Installation, Operation and Maintenance Manual for detailed information.			1		2
Inspect all bearings for excessive heat. No bearing should be hot to the touch. If a hot bearing is found, refer to the Bearing section of the Installation, Operation and Maintenance Manual for detailed information.			1		2
Inspect the motors for excessive heat. If a hot motor is found, refer to the Motor section Installation, Operation and Maintenance Manual for detailed information.			1		2
Inspect all electrical cables and connections for damage.			1		2
Inspect all water lines and connections for damage or possible leaks.			1		2
Make sure the side drain board water is on and functioning. The volume only needs to be sufficient to keep the drain board channel open when running maximum tonnage.			1		2
Inspect all belts for proper tension and alignment.			1		2
Make sure all applicable guards are in place and secure.			1		2

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Key Information			
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Hours		Employee	

40 Hour - Weekly Inspections					
Perform all the daily inspections listed above with the weekly inspections.					
	OK	Repair	*Priority		
Inspect all motor bolts for tightness.			1	2	
Inspect the area around the motor cooling fins for cleanliness.			1	2	
Inspect all belts for proper tension and alignment.			1	2	
Inspect for loose bolts anywhere on the machine, supports, drive, mounting spuds, paddles, shaft drive coupling, stub shaft, etc.			1	2	
Check the gear reducer oil level and check all seals for signs of leakage.			1	2	
Check the outboard bearing vent opening relief slot for evidence of water leakage cause primarily by a leaky shaft seal. Note: This slot must be kept open by removing any excess grease that could bridge over and plug the slot, as nine out of 10 failed bearings have this relief slot plugged with grease.			1	2	
Make sure all applicable guards are in place and secure.			1	2	

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Hours		Employee	

250 Hour - Monthly Inspections					
Perform all the daily and weekly inspections listed above with the monthly inspections.					
	OK	Repair	*Priority		
Check the reducer oil level. Inspect the breather for cleanliness.			1	2	
Inspect all mounting spuds and paddles for wear and proper operating condition. Replace any components that reduce operating efficiencies.			1	2	
Check the weir overflow for a possible out-of-level condition, which could be caused by a settling of the machine.			1	2	
Inspect the Hydrotex bearing (if equipped), and clean out and remove any accumulated silt or grit. Inspect the Hydrotex bearing and steel wear sleeve for signs of wear. If the bearing has 1/4" or more of wear, it should be rotated 180 degrees. After one half rotation, the bearing must be replaced. If the steel wear sleeve shows 1/8" or more of wear, it must be replaced. Refer to the Installation, Operation and Maintenance Manual for replacement procedures.			1	2	
Make sure all applicable guards are in place and secure.			1	2	

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Hours		Employee	

500 Hour – Three-Month Inspections				
Perform all the daily, weekly and monthly inspections listed above with the three-month inspections.				
	OK	Repair	*Priority	
Lubricate the outboard bearings. Based on a 40-hour week of operation, the bearings should be greased every three months/500 hours. Note: Lubricate more frequently if the shaft seal is leaking water, as would be indicated by water running from the relief slot into the bearing housing. Reminder: Keep the relief slot open and free from being plugged by grease.			1	2
Make sure all applicable guards are in place and secure.			1	2

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Hours		Employee	

1000 Hour – Six-Month Inspections				
Perform all the daily, weekly, monthly and three-month inspections listed above with the six-month inspections.				
	OK	Repair	*Priority	
Check the drive reducer oil. Refer to the Lubrication section of the Installation, Operation and Maintenance Manual for proper oil type, viscosity and component capacity.			1	2
Make sure all applicable guards are in place and secure.			1	2

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2000 Hour – Annual Inspections					
Perform all the daily, weekly, monthly, three-month and six-month inspections listed above with the annual inspections.					
	OK	Repair	*Priority		
Change the oil in the drive reducer. Refer to the Lubrication section of the Installation, Operation and Maintenance Manual for proper oil type, viscosity and component capacity.			1	2	
Inspect the condition and wear of the tub and sides. Address any worn areas as needed.			1	2	
Make sure all applicable guards are in place and secure.			1	2	

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