



Preventative Maintenance Schedule

<u>Maintenance Task</u>	<u>Car Count Interval (every)</u>	<u>Notes</u>
<u>Over/Under Roller Conveyor</u>		
check chain for stretch - take link out	25,000	
replace chain and rollers	200,000	
Asses and replace takeup section	400,000	
flip or replace chain sprocket	200,000	
roller up tape switch maintenance	200,000	
hydraulic drive motor maintenance	350,000	
inspect and asses center deck - replace	600,000	
inspect and replace wear strips on top deck	600,000	
<u>Belt Conveyor</u>		
check drive and take-up bearings monthly and grease as necessary	monthly	
inspect return rollers and shafts	monthly	observe pushers - good indicator of roller problems
check belt for stretch and remove pitch (link) as necessary	25,000	observe pushers under conveyor for distance to floor
inspect drive sprockets	50,000	
inspect under side of belt and stainless glide plates	50,000	
change gearbox oil	annually	
<u>Entrance Module</u>		
cooling fan maintenance	200,000	
entrance module tape switch maintenance	200,000	
<u>Presoak Module</u>		
Clean foam generators on center manifold	100,000	
clean out v-jet nozzles	50,000	
clean or replace front end, bumper, and backend, back window spray check valves	100,000	
clean out tire and wheel nozzles	20,000	
<u>Wrap Arounds</u>		
Grease Brush Bearings (4 bolt flange)	1,500	One stroke is fine; push out any water, NOT grease
Grease wrap arm pillow block bearings	3,000	One stroke is fine; push out any water, NOT grease
change hugger brush	150,000	
wrap hydraulic motor maintenance	500,000	
wrap retract cylinder maintenance	200,000	
replace wrap shock	100,000	
clean out wrap manifold foam generators	100,000	
flex coupler maintenance / replace	300,000	
<u>Mitter</u>		
replace rod ball and discs if worn	200,000	
replace center sleve inner bushing if worn	200,000	
mitter hydraulic motor maintenance	500,000	
replace mitter curtain cloth	100,000	
<u>Top Brush</u>		
replace top brush	150,000	
replace rubber stops	100,000	
replace shock	100,000	
air cylinder maintenance		
<u>Rocker Brushes</u>		
Grease bearings	3,000	One stroke is fine; push out any water, NOT grease
replace rocker brushes	100,000	
rocker brush hydraulic motor maintenance	400,000	
replace rocker shock	250,000	
<u>Triple Coat Arch</u>		
clean out all 6 foam generators	100,000	# of cars that have purchased this service
triple coat open clean out at bottom and clean out manifold	200,000	# of cars that have purchased this service
<u>Contour Brushes</u>		

contour hydraulic motor maintenance	500,000	
replace contour brush cloth top and bottom		
replace contour shock	250,000	
grease bearings	2,500	One stroke is fine; push out any water, NOT grease
High Pressure Arch		
Hydraulic motor maintenance	500,000	
clean and replace nozzles	200,000	

<u>Following Wheel Blaster</u>		
replace cylinders	250,000	
Replace dump valves	200,000	
tape switch maintenance	200,000	
replace UHMW wear block behind carriage	200,000	
<u>Rain X</u>		
clean out foam generators, replace media	100,000	# of cars that have purchased this service
Rain X open clean out at bottom and clean out manifold	200,000	# of cars that have purchased this service
<u>Hanging rinse manifolds</u>		
clean or replace nozzles	100,000	
<u>Final Rinse - Spot Free Arch</u>		
Final Rinse spot free arch clean or replace nozzles/holes	100,000	
<u>Blowers</u>		
ensure no vibration issues (dirt or build up on impeller)	100000 or annually	Check for vibration, squealing on startup
<u>High Pressure Pump Stations</u>		
replace oil in high pressure pumps	100,000	
replace belts	250,000	
<u>Hydraulic Power Units</u>		
replace hydraulic oil	100,000	
<u>Conveyor Hydraulics</u>		
replace hydraulic oil	100,000	
<u>Chemical Pump Stations</u>		
volumetrics of chemicals	25,000	
<u>Air Compressors</u>		
replace air compressor oil	100,000	
replace air filter	100,000	
<u>Controller / MCC Center</u>		
check controller relays for functionality	weekly	replace any non-functional relays or fuses
check MCC overloads	weekly	find and fix cause, reset or replace overload