



TECHNICAL SERVICE BULLETIN

DATE: 920233

TITLE:

PM PROCEDURE

APPLICABLE MACHINES:

830

SYNOPSIS:

When performing a PM on the machine, follow this guideline.

1. Check conveyor blades for proper installation and condition. All elevator hardware should be checked for tightness.
2. Check right side brush for banding material, bristle length and lube pivot.
3. Check right side brush lift cylinder and hoses for leaks.
4. Adjust water supply nozzles and check hoses.
5. Check seal on hopper inlet.
6. Check main brush pattern (3' – 5"). Replace brush if worn or damaged.
7. Check side skid plate condition and free float.
8. Check skirts on brush compartment – check adjustment of conveyor.
9. Lube High Dump cylinder pin pivot points.
10. Check right rear tire pressure (110 – 120 PSI).
11. Lube right rear leaf spring and king pin.
12. Check steering cylinder for leakage.
13. Check condition of brush cable and pulley.
14. Check door latch cylinder operation and lube.
15. Check wand hose assembly condition.
16. Check for leaks below vacuum fans.
17. Check hopper door seal.
18. Check hopper adjustment.

SWEEPER

19. Lube left rear leaf spring and king pin.
20. Lube left lift cylinder pivot.
21. Check brush lift cylinder.
22. Lube High Dump cross–shaft center pivot.
23. Check hydraulic hoses and wiring for wear.
24. Check left rear tire pressure (110–120 PSI).
25. Inspect skirts and left brush skid plate and check for free float.
26. Check main brush drive motor for leaks and banding material.
27. Check conveyor drive motor. Lube L.H & R.H. chain bearings (upper and lower). Also Lubricate both chains.
28. Check optional left side brush for banding material, bristle length and lube pivot.
29. Check left side brush lift cylinder and hoses for leaks.
30. Adjust water supply nozzles and check hoses.
31. Check main drive propelling motor for leaks and connections.
32. Check center skirt condition and adjustment.
- * 33. Check radiator fluid level / tilt out radiator and clean. Check fan & A.C. belt.
34. Check side door latch (L.H & R.H.).
- * 35. Check vacuum door switch (w/wand option).
- * 36. Check chain tensioner and conveyor spring (L.H. & R.H.)
- * 37. Check conveyor lift cylinder for leakage.
38. Adjust conveyor roller plate.
39. Check left front tire pressure (110–120 PSI).
40. Lube left front leaf spring, king pin and CV joint.
41. Check hydraulic cylinder motor and hoses on Aux. brush assembly for leaks.
42. Lube Aux. brush pivot cylinders.
43. Check water supply and adjust nozzles on Aux. brush. Check brush condition.
- * 44. Check cab door latches.
- * 45. Adjust and secure side mirrors.

- * 46. Check steering cylinder for leaks.
- 47. Check door latch and glass window operation.
- 48. Check right front tire pressure (110–120 PSI).
- 49. Lube right front leaf spring, king pin and CV joint.
- 50. Change the engine oil, filter and check the air filter indicator.
- 51. Check the level and condition of the hydraulic fluid.
- 52. Check the brake fluid level in the reservoir. Lube the service and parking brake.
- 53. Check the operation of the parking brake. Adjust if necessary.
- 54. Check the level of electrolyte in the battery. Add distilled water if low.
- 55. Clean or replace the water system filter.
- 56. Check engine air inlet screen on top of cab for blockage.
- 57. Check condition of wiper blades.
- 58. The final step is for you to drive the machine, turn on all brushes, shaker motors, lights, dump the machine and basically make sure everything is functioning properly before you leave the customers site.