BE Service Interval

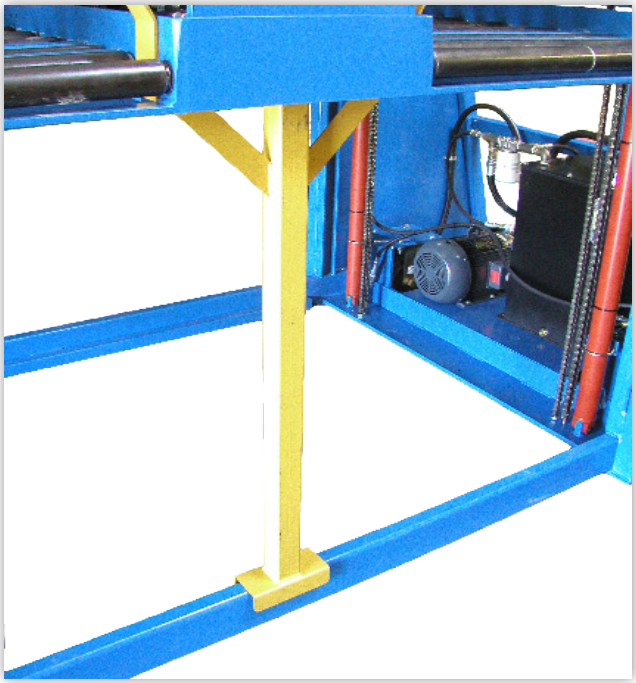
Models Affected: All Operator Aboard Battery Extractors

Tech Tip
TT–925

Subject:
In Tech Tip #923 we discussed the importance of Daily Inspections to properly maintain your battery handling equipment. Equally important to the Daily Inspection is proper lubrication and scheduled maintenance. This helps prevent issues and ensures optimal performance of your equipment.

Description:
Scheduled lubrication and maintenance at proper intervals can prevent unnecessary wear and tear on machine components.

- Lubricating the drive screw nut and arm carrier bearings every 50 hours (weekly) will reduce friction on the carrier shafts and allow the arm to move freely, reducing stress on the arm traverse components.
- Properly lubricating the idler casters every 200 hours (monthly) can prevent bearing failures requiring wheel replacement.
- Cleaning and oiling of the roller chains every 200 hours (monthly) can prevent rust and debris build-up. Failing to maintain the chains could lead to undue chain and sprocket wear and possible breakage.
- Changing the filter every 300 hours (twice quarterly) prevents contaminants from circulating through the sytem, possibly clogging ports, causing erratic machine operation.
- Changing the hydraulic fluid every 600 hours (quarterly) prevents internal component wear from fluid deterioration and contamination.
- Every 600 hours (quarterly) the equipment should also undergo scheduled Planned Maintenance (PM) which includes thorough inspection and maintenance performed by trained personnel.



These recommendations are based on average use in a typical warehouse environment and may be adjusted based on individual circumstances. Dusty and/or extreme hot/cold environments may require more frequent lubrication.

BHS recommends implementing an oil sampling and analysis program to monitor hydraulic fluid condition and determine when hydraulic fluid changes are required. The fluid analysis program should be a continuous process and all results should be evaluated. Changes in the condition of the hydraulic system may indicate component wear, fluid deterioration and contamination.

Recommendation:
The BE Manuals contain information on recommended service and the proper intervals in which it should be performed. The most current service information can also be found on our website. Go to BHS1.com and look for the required information in the "Technical Literature" section under the "Library" tab.

For more information call: 1.877.BHS.4YOU
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