

Maintenance Parts

Tips for Extending Equipment Life

TRIOSIM
CORPORATION

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Tips for Extending Equipment Life

Trunnions and gears on pulp washers are very susceptible to damage caused by migrating water. Other sources of wear and tear include misaligned, worn, or dislodged components.

Here are a few inexpensive maintenance tips that will help to extend the life of your equipment and stretch your maintenance budgets.

Replace Worn Bushings

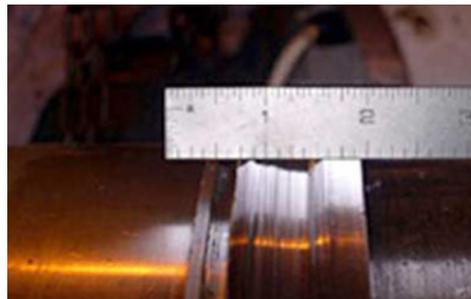
Bushings that are badly worn will cause excessive float of the drum. This disrupts the oil seal's ability to maintain contact with the lower surface of the trunnion. The result is oil loss and water migration from the vat.



- gears
- oil seals
- bronze bushings
- oil scrapers
- tail shafts
- fasteners
- trunnions
- carbon bushings
- tail bearings
- air doctors
- hydro doctors
- showers
- vats
- journal seals
- packing followers
- packing panels
- vat wall inserts
- o-rings
- lantern rings
- repulper screws
- take-off rolls
- gaskets
- worm shafts
- bell trunnions
- stock slides
- nose cups
- wear plates
- valve
- discharge valve assemblies
- inner bearing supports
- tail shaft conversions

Use a Premium Oil Seal - Without a Spring

Too often, the spring used in conventional oil seals becomes displaced. The result is a badly grooved trunnion surface.



Damage shown on the inner seal land is abrasion and grooving caused by conventional seals that use retaining springs.

The Triosim Premium Seal promotes an enhanced interference fit without the use of a spring, imposing less wear on equipment. It seals effectively on trunnion surfaces that have been severely worn, including badly grooved surfaces. The result is reduced oil loss, less downtime and streamlined gearcase maintenance.

Install a Water Flinger

Properly installed on the trunnion, a flinger ring will prevent vat water from migrating into your gearcase. Water in the gearcase creates sludge - one of the major causes of gearcase overheating. Super heated oil actually attacks bronze resulting in damage to your bull gear.



The Triosim Water Flinger is very inexpensive insurance against costly equipment erosion.



Gears above have been eroded by water contamination of the gearcase.



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