

Can You Benefit From Bearing Reconditioning?

One: Is the bearing near, or has it exceeded its suggested life expectancy?

- ⇒ All bearings have an estimated range of service life at optimal levels, find out the applicable range for your bearings and assess whether those expectancies have been met, or will soon be met.

Two: Has the bearing's operating temperature exceeded 220 F (100 C)?

- ⇒ Depending on the machinery and environment to which the bearings have been exposed, extreme heat can distort the life expectancy ranges provided by the manufacturer. For bearings that do work in extreme conditions, it's important to inspect bearings before they get to the end of their targeted life expectancy to ensure they are continuing to work effectively.

Three: Has the bearing been exposed to excessive vibration?

- ⇒ Equipment that emits a great deal of vibration stresses the bearings and can speed up the natural wear and tear process. If your machinery falls into this category, it is vital to inspect bearings prior to reaching maximum life expectancy.

Four: Has the bearing experienced sudden changes in lubrication or in lube temperature?

- ⇒ Bearings that are improperly or inadequately lubricated, or those that work in environments with fluctuating lube temperatures, are also going to exhibit increased wear and tear that may hamper a bearing's productivity. If your bearings are being subjected to lubrication stressors, bearing life may be negatively impacted.

If your bearings are being challenged, reconditioning is a great option for renewing their effectiveness before having to resort to the replacement of costly parts. Increased cost-effectiveness along with the availability of refined reconditioning expertise have fostered a greater understanding of the benefits and value of paper mill bearing reconditioning.

To learn more about bearing reconditioning and NSK's TL bearing product line designed for the pulp and paper industry, call NSK for a consultation or visit www.us.nsk.com/reconditioning.