

10/ IMPROVING BEARINGS' LIFESPAN

WHAT YOU SHOULD DO TO INCREASE THE LIFESPAN OF THE BEARING



ASSEMBLY

- Always follow the manufacturer's assembly instructions.
- Use specific tools.
- For the right tightening torque, use a torque wrench and not a pneumatic gun.



LUBRICATION

- Choose the appropriate type of lubrication for each application.
- Respect the quantity indicated by the manufacturer.
- Carry out appropriate maintenance such as changing the oil and filters.
- Check the lubrication systems regularly.



ENVIRONMENTAL CONDITIONS

- Check that all the bearing sealing systems are correctly installed and in good condition.
- Avoid (as far as possible) environments with excessive dust, humidity and extreme temperatures during assembly and storage.



OPERATING CONDITIONS

- Avoid accidental or voluntary overloads.
- Control possible vibrations.
- Avoid bending the axes and excessive speeds.
- Check for any possible overheating during operation.



RECOMMENDATION

Sometimes it may not be the fault of the bearing, but its surroundings. When you are about to change parts, take a few minutes to check around your workplace and the tools you use. Also, when you are changing a sparepart could be the perfect time for inspecting the application.

A good replacement does not depend only on the sparepart.

