White Paper

Bearing Abnormal Temperature Rise, Possible Causes & Measures!!
Understanding why the temperature has increased is just as important. Failure to investigate can lead to potentially taking the wrong course of action and further machine damage.

**Possible Causes**

1. Excessive amount of lubricant
2. Insufficient or improper lubricant
3. Abnormal load
4. Incorrect mounting
5. Creep on fitted surface, excessive seal friction

**Measures**

1. Reduce amount of lubrication select stiffer grease
2. Replenish lubricant or select a better one
3. Improve the fit, internal clearance, preload, position of housing shoulder.
4. Improve the machining accuracy and alignment of shaft and housing accuracy of mounting method
5. Correct the seal, replace the bearing, correct the fitting or mounting.