



[SLT 10 – Vibration Analysis of Plain Bearings](#)

Ver 1.1

Topics Covered

Journal Bearings – Classification of Journal Bearings – Basics of Bearings – Vibration in Bearings – Common Bearing Problems – Case Study - - Do's and Don'ts – Practical Tips – Exercise.

The Significance

Where reliability and life of the equipment is particularly important, Plain Bearings are the predominant choice. They are used to position the rotors of high power turbo machinery, ship propulsion machinery and other equipments. This SLT gives information about the selection, operation and performance characteristics of plain bearings. It also includes vibration analysis and diagnostic studies with common vibration problems that can occur in plain bearings. A case study on a turbine generator set is also discussed in this SLT.