

Lubricants For Cement Industry Equipmen

Objectives:

Many cement industry equipment manufacturers and Lubrications experts always recommend lubrication with special lubricants with special ways and technicality.

Lubricants training course give a wide range of knowledge about kinds of intelligent lubrication to save costs, high performance lubricants result in cost savings in standard applications by ensuring, Extended service life, Reduced consumption, Increased productivity, Easy storage, Product streamlining, Improved process security, Reliable operation.

At the end of this training course you should be able to:

- Distinguish what sort of bearing to use for given application
- Specify when to use a boundary lubricated bearing and select an appropriate bearing material to use for given conditions:
- Determine the principal geometry for a full-film boundary lubricated bearing.
- Determine the life of a rolling element bearing using the life equation

Participants:

Mechanical Maintenance engineers, preparation office, inspection

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Course Outlines:

A)

- 1- Historical Background.
- 2- Rolling Contact Bearing Fundamentals.
- 3- Bearing Selection.
- 4- Lubrication of Rolling Bearing.

B)

Technical Training Modules

1. Lubrication Fundamentals

- a. Principals Of Lubrication
- b. Lubricants Characteristics
- c. Lubricants Manufacturing
- d. Additives
- e. Lubricants Classification

2. Fundamentals of Greases

3. Advanced Topics:

- a. Industrial Gears Lubrication (including Open Gears)
- b. Industrial Hydraulic Systems lubrication
- c. Bearing Lubrication
- d. Synthetic Technology
- e. Oil Cleanliness
- f. Performance Testing
- g. Oil Analysis Program - SIGNUM
- h. Handling & Storage