

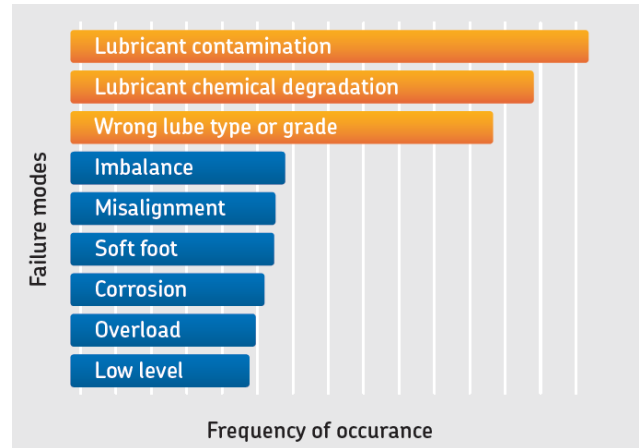
LUBRICATION - BASIC

EL03

50% of all premature bearing failures are due to lubrication or contamination issues!

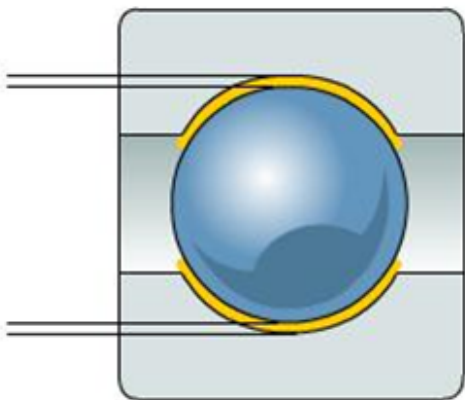
COURSE OBJECTIVE

In today's maintenance world, lubrication has become more critical and important as shown by a statistically research result, up to 36% of the premature bearing failures are due to lubrication problem and 14% are contamination! Therefore, a proper *lubrication understanding and management can help you to avoid unplanned machine downtime.*



BENEFITS

- Increase the service life of the bearings and equipments
- Appropriate lubricant for suitable application
- Reduce the cost of lubrication wastage
- Prevent pre-mature bearing failure



WHO SHOULD ATTEND

- Greaser / Oiler
- Maintenance executive
- Reliability engineer

PRE-REQUISITE

No pre-requisite is required

COURSE MATERIALS

Comprehensive notes and a collection of case studies

COURSE DURATION

1 DAY

CANCELLATION POLICY

If notice of withdrawal is given in writing - 14 calendar days before the course date, 80% of the course fee will be refunded. A 50% refund will be made for cancellation received in writing - 7 calendar days before the course date. After which, NO REFUND will be entertained.

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COURSE TOPICS



Lesson 1

Lubrication Background

- History / survey result

Lesson 2

Lubrication - Basic

- Why lubrication?
- Grease & oil lubrication

Lesson 4

Grease selection

- Application
- Type & size of bearing
- Temperature, speed & load
- Contamination level
- Case Study

Lesson 3

Physics of Lubricant

- Viscosity
- Consistency
- Temperature range
- Mechanical stability
- Miscibility
- Load carrying capacity
- Rust protection properties

Lesson 5

Calculation

- Relubrication interval
- Grease quantity calculation

Lesson 6

Lubrication Products

- Single point lubricator
- Multi points lubricators
- Centralized lubrication system



Premature bearing failure due to lubrication and contamination problem

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REGISTRATION

SIGN UP
NOW!



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Job Title / Department: _____
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Email: _____

2ND Delegate Name: _____
Job Title / Department: _____
Telephone: _____ Fax: _____
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3RD Delegate Name: _____
Job Title / Department: _____
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