

Lubricant Application and Analysis

OEM: Rockwell Automation • Duration: 2 Days (16 hrs) • Code: MUS-115

COURSE MODULES & TOPICS

Objectives

- Discuss proper lubricant application and maintenance on lubricating systems
- Explain the requirements for proper lubrication storage and management
- Describe lubrication system filtering methods
- List and explain lube oil sampling requirements
- Identify and explain the factors affecting lubrication health
- Describe common wear mechanisms associated with machines

Student Materials

- Student Manual includes the key concepts, definitions, examples, and activities presented in this course
- Lab Guide includes the hands-on exercises

Next Level Learning

- Bearing Fundamentals course (MMS-115)

Course Agenda

Day 1

- Describing the Principle of Lubrication
- Explaining Lubricant Characteristics
- Lubricating Transmissions and Engines
- Selecting Bearing Lubricants
- Applying Lubricant Application Methods
- Lubricating Gears and Gearboxes

Day 2

- Performing Coupling Lubrication
- Identifying Equivalent Lubricants
- Handling New and Used Lubricants
- Performing Lubricant Testing

- Trending
- Following Lubrication Analysis Programs
- Review
- Written Exam