WICM262
GX Series Microlog and SKF Machine Analyst

Course objective

To introduce the Machine Analyst vibration database management and analysis software along with the features of the GX Series SKF Microlog to the new user. In addition, this course instructs on the basics of setting up an effective portable machinery monitoring system.

2009 tuition

$8,495

4 days

Course description

Course topics are organized according to the steps necessary to set up a portable monitoring system and to operate the SKF Microlog GX/SKF Machine Analyst software products.

Condition monitoring training topics

- Condition based maintenance program overview
- Guidelines for setting up a portable monitoring system
- Introduction to vibration analysis
  - discuss the advantages of various vibration signal processing techniques to isolate and detect specific machinery faults (i.e., acceleration enveloping signal processing for early detection of bearing faults)

SKF product training topics

- Set up default properties on the SKF Machine Analyst software
- Learn to navigate the software using its menus, dialogs, windows, hierarchy, terminology, workspaces, etc.
- How to create a database of vibration measurements
- How to download and upload measurements with the GX Microlog
- Set up properties in the GX Microlog
- How to operate the GX Microlog data collector/analyzer to collect route and off-route measurements.
- How to generate graphic plots and reports to analyze machine condition
- Overview of the advanced GX Microlog application modules – two-channel measurements, balancing, bump test, FRF measurements, and the data recorder

WICM263
GX Series Microlog and SKF @ptitude Analyst

Course objective

To introduce the @ptitude Analyst vibration database management and analysis software along with the features of the GX Series SKF Microlog to the new user. In addition, this course instructs on the basics of setting up an effective portable machinery monitoring system.

2009 tuition

$8,495

4 days

Course description

Course topics are organized according to the steps necessary to set up a portable monitoring system and to operate the SKF Microlog GX/SKF @ptitude Analyst products.

Condition monitoring training topics

- Condition based maintenance program overview
- Guidelines for setting up a portable monitoring system
- Introduction to vibration analysis – discuss the advantages of various vibration signal processing techniques to isolate and detect specific machinery faults (i.e., acceleration enveloping signal processing for early detection of bearing faults)

SKF product training topics

- Set up default properties on the SKF @ptitude Analyst software
- Learn how to get around in the software using its menus, dialogs, windows, hierarchy, terminology, workspaces, etc.
- How to create a database of vibration measurements
- How to download and upload measurements with the GX Microlog
- How to set up properties in the GX Microlog
- How to operate the GX Microlog data collector/analyzer to collect route and off-route measurements.
- How to generate graphic plots and reports to analyze machine condition
- Overview of the advanced GX Microlog application modules – two-channel measurements, balancing, bump test, FRF measurements and the data recorder

Please note: Course description, dates, and tuition are effective as of October 2008 catalog print date.
Please refer to the RMI website for up-to-date schedule information. *www.skfusa.com/rmi*