

# Onsite Training for Spectro Scientific and Grabner Instruments

## Spectro Scientific Representative Service Training

**Instructor(s):** Thomas Baril, Senior Technical Support Engineer; Jim Gibson, Senior Field Service Engineer; Midhul Radhakrishnan, Senior Technical Support Engineer

The Spectro Scientific Representative Service Training is a five-day course that covers service and support of Spectro Scientific's MiniLab and FieldLab product lines including Spectroil 100 Series, LaserNet Fines Series, MiniVisc, FluidScan, Ferrocheck, FDM Series, and FieldLab Commercial Series. The course will briefly introduce the theory and use of each instrument, but will focus heavily on maintaining and servicing the equipment in the field. Service representatives will learn how to identify and troubleshoot common issues with equipment and learn when it is necessary to send the instrument into the factory for repair. Service representatives will leave this course feeling confident in how to service the equipment and in how to work with the factory to quickly and effectively service the equipment. This course is recommended for service technicians and managers that represent Spectro Scientific. This is a technical service training, not a sales training. **Note: At this time, this training is only available to certified Spectro Scientific Representatives.**

**Prerequisite(s):** Due to the level of detail discussed in this course and the need to work hands-on with the equipment, the following Level I Course on Fluid Management Academy is recommended to be taken and passed before attending any classes in-person. Upon registration, students will be enrolled in How to Operate Spectroil elemental analyzer I SVC144 REV A.

- *How to Operate FluidScan IR Oil Analyzer I SVC140 REV B*
- *How to Operate MiniVisc Viscometer SVC143 REV A*
- *How to Operate Spectroil elemental analyzer I SVC144 REV A*
- *How to Operate FieldLab 33C SVC170 REV A*
- *How to Operate FieldLab 58C SVC172 REV A*

- *How to Operate the LaserNet 200 Series Particle Analyzer Level I SVC147 REV A*
- *How to Operate TruVu360 System I SVC150 REV A*
- *Introduction to Lubrication and Oil Analysis Fundamentals SVC182 REV A*
- *Radiation Safety Training SVC198 REV A*

## Spectroil M/100 Series Service & User Training

**Instructor:** Jim Gibson, Senior Field Service Engineer

The Spectroil M/100 Series Service & User Training is a 3 ½ day (Tuesday – Friday) course that introduces elemental spectroscopy theory and application to oil analysis. The user will gain a better understanding of how the Spectroil M and 100 models, are used to analyze the elemental concentrations of the lubricant. Users will have an opportunity to work hands-on with the instruments including, preparing the unit for analysis, standardizing, calibrating, and cleaning the unit; all critical steps in optimizing the results from the spectrometer. In addition to general use and care of the equipment, this course will also prepare a service engineer for performing a PM on the Spectroil M & 100 series, disassembling, and cleaning the sample chamber and performing profiles on the unit. The PM instructions are given to attendees and the PM is designed to improve performance, accuracy, & repeatability of the Spectroils. This course is recommended for reliability technicians, maintenance managers, reliability managers, oil analysts, lab managers, service technicians, lab technicians. This course is not application training to determine corrective actions or make recommendations on actions based on sample results.

More information may be found on our website: <https://www.spectrosci.com/services/training-courses>