

# REINVENT YOUR LUBRICATION PROGRAM

EDUCATION

SERVICES

The reliability movement has led companies in all industries to reinvent their lubrication programs to incorporate modern technologies and best practice. Those who are responding to the challenge are seeing amazing results on the bottom line, where it counts most.

Noria Reliability Solutions (NRS) is the Consulting and Education Service delivery arm of Noria Corporation. NRS trains thousands of people annually. Through our effective on-site, public and online training courses, lube audits and consulting programs, Noria lets you cut straight to best practice and immediately begin to harvest the savings that await your company!



Reliability Solutions



Reliability Solutions

# EDUCATION

On-site Courses

Public Courses

Web-based Courses

Resources

Certification

## ON-SITE TRAINING COURSES

Bring an outstanding instructor to your company's facility or meeting site of your choice and get your team up to speed fast! Targeted to management, engineers, technicians, mechanics and/or operators, Noria offers courses ranging from half day to four days in length, in the following areas:

### Machinery Lubrication I & II Training

If your company is like most, you're winging your way around lubrication. Your machines keep wearing out and breaking the same way because you keep lubricating them the same old way. You get frustrated because your lubricants should last longer, but you don't know what to do. In these information-packed courses, you'll discover how to build a world-class lubrication program and put an end to your lubrication frustrations!

### Effective Mobile Equipment Lubrication Training

Maintaining your mobile equipment is probably one of your largest cost centers. Engine and drive rebuilds alone can send your maintenance budget through the roof. Learn how to drastically reduce maintenance and lubricant costs in this intensive, industry-specific three-day course.

## PUBLIC TRAINING COURSES

Noria holds its Lubrication, Oil Analysis and specialty Training in public classes throughout the year, at various sites around the world.

For a view of our Global Training calendar, visit our Web-site: [http://www.noria.com/training/training\\_calendar.asp](http://www.noria.com/training/training_calendar.asp)

## RESOURCES

### Tools and Techniques

Noria has developed world-class tools and techniques utilizing technology to save you time and money. Don't reinvent the wheel to reach best practice lubrication excellence. Instead, work efficiently by accessing our Web portal to draw upon our experts and library of more than 30,000 books, technical documents, procedures, work plans and much more!

## CERTIFICATION

Many of Noria's courses help you prepare for MLT, MLA and LLA certification available through ICML, the International Council for Machinery Lubrication.

For information, go to [www.lubecouncil.org](http://www.lubecouncil.org) or call 918-742-2950.

### Oil Analysis I & II Training

Most maintenance programs achieve only 10 percent of the benefits available from oil analysis. Learn how to get the most out of oil analysis by attending these powerful training sessions!

### Effective Contamination Control Training

It could be the biggest cost reduction opportunity at your facility. Systematically reducing lubricant contamination levels extends machine and lubricant life by up to 10 times! By implementing just a few of the techniques you learn in this course, you could easily double or even triple oil and machine life at your facilities!

## WEB-BASED TRAINING COURSES

Online training is your fast track to implementing Noria's proven strategies for extending machine and lubricant life.

Noria offers real-time courses at your location through a broadcasted live instructor or recorded for you to view at your convenience with accessibility 24 hours/day, Seven days a week. This flexible format allows students to learn at their own pace and schedule, whether preparing for certification testing or applying the knowledge learned in-house.

Our online courses span the spectrum from "How to" results-based courses to Skill-building courses to meet the needs of today's industry professionals

To view the Course List and their Agendas, or to take a Demo, visit our Web-site: <http://www.noria.com/training/wbt/default.asp>

## CUSTOMIZATION

Courses may be customized to suit your company's unique needs. For more details, request the specific On-site Seminar Fact Sheets you are interested in from our website: <http://www.noria.services.com>



## SERVICES

Noria Analytical Services

Consulting Services

Retainer-based Services

### NORIA ANALYTICAL SERVICES (NAS)

NAS is the newest division of Noria's Services business that creates a program to bridge the gap between quality laboratory results and quality data interpretation and maintenance recommendations.

#### Remote Oil Analysis Diagnostics (ROAD)

The smart way to boost your oil analysis ROI (return on investment)... The Remote Oil Analysis Diagnostics (ROAD) Program lets you stop spending unproductive time trying to analyze oil analysis reports and start reaping all the benefits from your oil analysis program. This highly effective program saves you time, frustration and money – making an instant impact on your oil analysis return on investment (ROI).

##### With the ROAD Program you will:

- ▶ Stop wasting time analyzing oil analysis data
- ▶ Get expert maintenance recommendations
- ▶ Focus your efforts on improved reliability
- ▶ Get enhanced fault detection precision
- ▶ Get custom-created alarms for each individual piece of machinery

Learn more about our ROAD Program:

<http://www.noria.com/service/road.asp>

### RETAINER-BASED SERVICES

Access Noria's senior management team and technical experts as you need us without hiring a full-time staff to answer your questions on lubrication-related challenges. Experts are available via e-mail, phone and fax.

### CONSULTING SERVICES

Noria team of technical consultants have over 150 years of collective experience in the area of machinery lubrication, oil analysis and contamination control. Let our team of experts help you get your company to best practices and set your program on the right course!

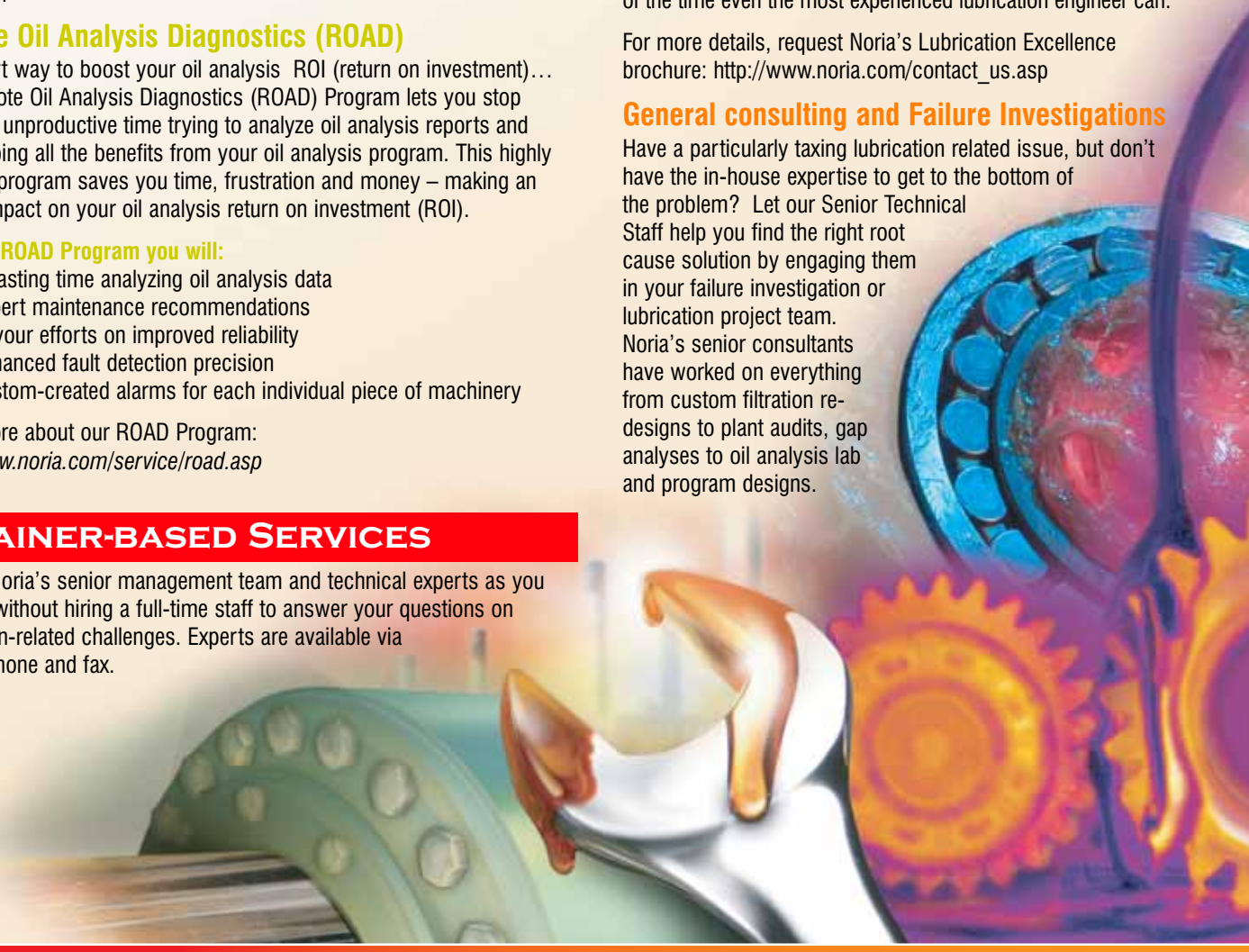
#### Lubrication Program Design (LPD)

Noria LPD program is designed to build your complete lubrication PM and PdM program from the ground up. After an initial benchmark survey to identify the plants current strengths weakness, opportunities and threats, our seasoned technical consultants work to assess each oil or grease lubricated component in the plant to help them re-engineer your lubrication program from scratch. The LPD process results in the compilation of highly customized task based procedures for each asset, complete with task specific details such as the correct lubricant, the best method of application, the correct re-lubrication frequency and quantity, the right contamination control strategy and the right oil sampling and oil analysis test procedures to use. Thanks to our proprietary design software, our consultants can do this work in a fraction of the time even the most experienced lubrication engineer can.

For more details, request Noria's Lubrication Excellence brochure: [http://www.noria.com/contact\\_us.asp](http://www.noria.com/contact_us.asp)

#### General consulting and Failure Investigations

Have a particularly taxing lubrication related issue, but don't have the in-house expertise to get to the bottom of the problem? Let our Senior Technical Staff help you find the right root cause solution by engaging them in your failure investigation or lubrication project team. Noria's senior consultants have worked on everything from custom filtration re-designs to plant audits, gap analyses to oil analysis lab and program designs.



# OTHER USEFUL RESOURCES FOR LUBRICATION AND RELIABILITY PROFESSIONALS

## MAGAZINES



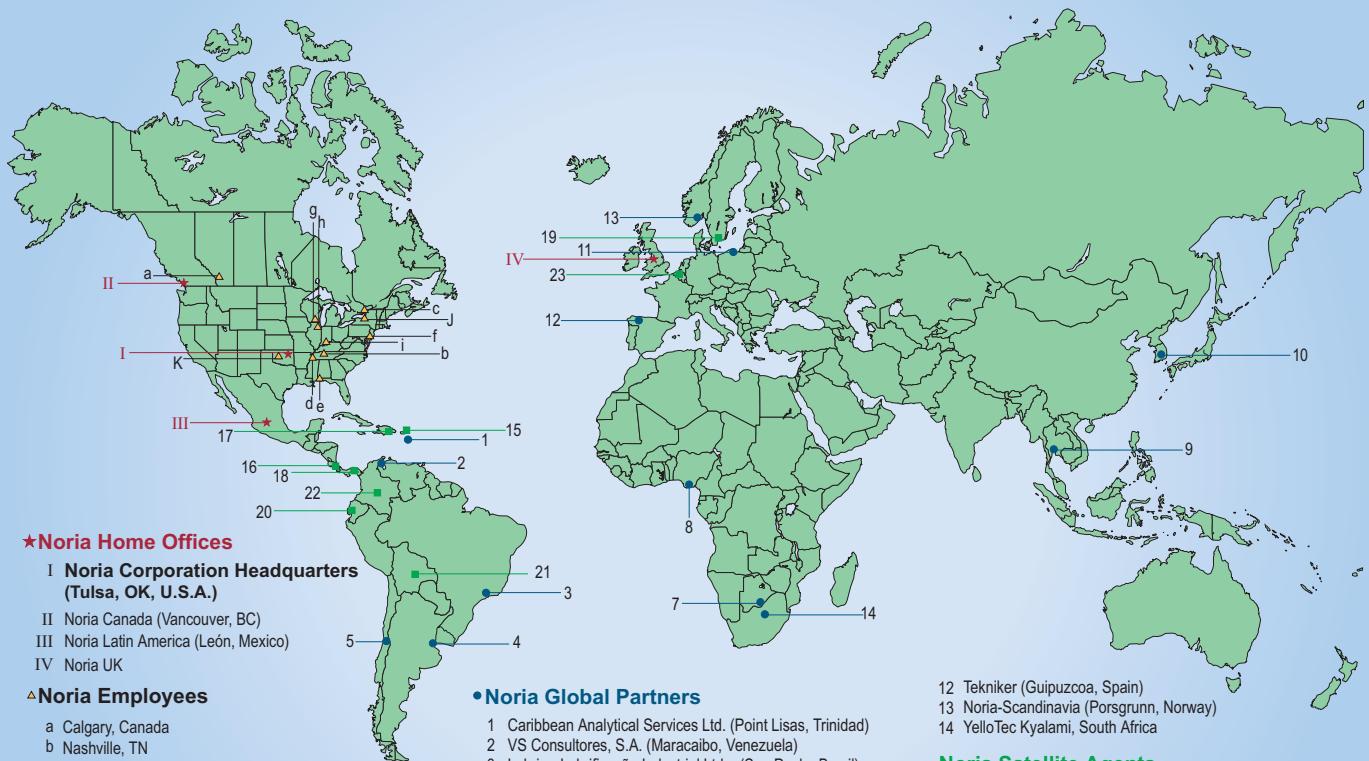
## E-MAIL NEWSLETTERS



## CONFERENCES



## WHERE IN THE WORLD IS NORIA?



### ★ Noria Home Offices

- I Noria Corporation Headquarters (Tulsa, OK, U.S.A.)
- II Noria Canada (Vancouver, BC)
- III Noria Latin America (León, Mexico)
- IV Noria UK

### ▲ Noria Employees

- a Calgary, Canada
- b Nashville, TN
- c Toronto, Canada
- d Memphis, TN
- e Mobile, AL
- f Philadelphia, PA
- g Ft. Atkinson, WI
- h Chicago, IL
- i Indianapolis, IN
- j Rochester, NY
- k Oklahoma City, OK

### ● Noria Global Partners

- 1 Caribbean Analytical Services Ltd. (Point Lisas, Trinidad)
- 2 VS Consultores, S.A. (Maracaibo, Venezuela)
- 3 Lubrin - Lubrificaco Industrial Ltda. (Sao Paulo, Brazil)
- 4 Laboratorio Dr. Lantos (Buenos Aires, Argentina)
- 5 Ingelube S.A. (Santiago, Chile)
- 7 Noria Botswana (Gaborone, Botswana)
- 8 Noria Nigeria (Port Harcourt, Nigeria)
- 9 Focus Laboratories Ltd (Bangkok, Thailand)
- 10 Solge (Dageu, Korea)
- 11 TopOil (Gdansk, Poland)

- 12 Tekniker (Guipuzcoa, Spain)
- 13 Noria-Scandinavia (Porsgrunn, Norway)
- 14 YelloTec Kyalami, South Africa

### ■ Noria Satellite Agents

- 15 VibraAnalysis, Inc. (Trujillo Alto, Puerto Rico)
- 16 Inermogram (Heredia, Costa Rica)
- 17 GBL del Caribe (Santo Domingo, Dominican Republic)
- 18 Soluciones de Ingeniería (Panamá, Panamá)
- 19 Noria-Scandinavia (Vastra, Sweden)
- 20 Teopsis (Quto, Ecuador)
- 21 VEN-BOL, s.r.l. (Santa Cruz, Bolivia)
- 22 Incoli, Ltd. (Bogoá, Columbia)
- 23 Noria Europe (Enschede, Netherlands)



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