

Reliability Centered Lubrication according ISO 18436-4 Category I

Operational objectives:

- *Lubricants Application, relubrication, Lube inspection according a preprogrammed route and according pre-established procedures.*
- *Proper Maintenance of Lube accesories and Lube instruments.*
- *Installation of Lube accesories with health-environment-safety driven procedures.*
- *Verification of calibration of analysis instruments and exception cases reporting.*
- *Operation and Maintenance of portable Lube analysis instruments.*
- *Oil Sampling acquisition from machine Systems and/or containers according established procedures.*
- *Preparation of samples for transport and/or test according established procedures.*

Methodology:

- *Conferences*
- *20 different types of Lube calculations, among them:*
 - *Viscosity at different temperatures*
 - *Viscosity Index calculation and oil mixtures viscosity calculation*
 - *Greases selection, grease volume calculation, greasing and re-greasing period calculation*
 - *Oil flow calculation in gear oils, journal bearings, anti-friction bearings and ways*
 - *Calculation in filters*
 - *RPN calculation to establish criticality matrix*
- *Book of Industrial Lubrication by César Ortiz*
- *Certification exam with 90 questions to be answered in 2 ½ hours with 70% approval*

Logistics:

Duration: 18 academic hours and 6 hours of practical exercises Lubrication Calculations.

Materials: Thumb drive with didactic software specially designed for Lubrication calculations and with Information regarding the course.

Digital format of Reliability Centered Lubrication Manual according ISO 18436-4 Category I.

Certificate of ISO 18436-4 Category I.

Price: 20 attendants at \$1,500 each