Maintenance of Hydraulic Systems Workshop "One Day Workshop" Virtual via Zoom



This One Day Workshop was designed to provide knowledge in "Hydraulic System Maintenance Best Practices" using interactive exercises between attendees and instructor, Ricky Smith CMRP, CMRT.

Most companies spend a lot of money training their maintenance personnel to troubleshoot a hydraulic system. If we focused on preventing system failure, then we could spend less time and money on troubleshooting a hydraulic system.

We normally except hydraulic system failure rather than deciding not to except hydraulic failure as the norm. Let's spend the time and money to eliminate hydraulic failure rather than preparing for failure.

Hydraulic Systems can run failure free if you learn the process to mitigate the failure modes of any system. In this class you will learn this process.

The process allows a maintenance department to control a hydraulic system rather than the system controlling the maintenance department. We exercise control by deciding when we will perform maintenance and how much money we will spend. The alternative is breakdown maintenance at a much higher cost. Corrective Maintenance requires all proactive work to be performed to specifications using repeatable procedure and as such it must be measured.

Course Content:

- Known Best Practices in Hydraulic System Maintenance
 - Preventive Maintenance
 - Corrective Maintenance
 - Visual Inspections and their benefits
 - Hydraulic System Troubleshooting
 - Oil Sampling and "How it is used to optimize health of the system and components"
 - Component/Part Failure Modes and How to Mitigate them
 - o Measurements / Data required to mitigate and eliminate hydraulic problems

- > How to assess current state of your Hydraulic System and create a plan to optimize
- How to write a Corrective Maintenance Procedure
- Measuring performance and health of a Hydraulic System
- > Steps to restore a Hydraulic System to a fully functional state ... and so much more

Exercises:

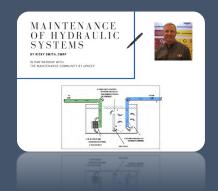
1. Assessing current state of the Maintenance Function



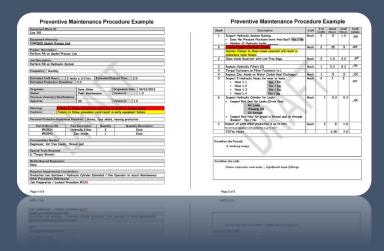
2. Developing a Plan to Optimize your current system (high impact and sustainability)



3. How to Maintain Hydraulic Systems Effectively



4. Writing an effective PM Procedure for a Hydraulic System



5. How Measure Effectiveness of your Hydraulic Maintenance Plan



Send me an email if you are interested in joining this one-day workshop rsmith@worldclassmaintenance.org