

Lubrication Tactics for Industries Made Simple



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LUBRICATION IS THE LIFE BLOOD OF OUR EQUIPMENT

8TH Discipline of World Class Maintenance Management

Rolly Angeles

RSA Reliability and Maintenance Books
by Rolly Angeles

World Class Maintenance Management-The 12 Disciplines: Many industries are looking for ways to achieve a World Class Maintenance Management Level. This book details the 12 Disciplines of Maintenance to achieve a level of World Class Maintenance. The book is easy to absorb as it is structured into three parts: the Basics, the Strategies, and the Advance Disciplines. This book aims to address the very basics first before doing the strategies and the more advanced disciplines. This is the first of series of books I wrote and still writing about the 12 disciplines of maintenance.

Maintenance-Roadmap to Reliability: This is a sequel to my first book on World Class Maintenance Management the 12 Disciplines. This book provides a detailed systematic roadmap on how to achieve a high level of reliability for industries equipment and assets. There is no better way to start the journey to reliability other than to go back to the basics and addressing the very small problems we have in our plant. Big problems, unplanned breakdowns, and catastrophic failures are just an accumulation of small problems that has always been ignored in the first place.

Reliability-A Shared Responsibility for Operators and Maintenance: This book is a sequel to my first and second book and speaks about the importance of having an operator and maintenance partnership for industries. The message of this book is simple and straightforward that industries cannot escape the viscous cycle of being reactive unless they realize the importance of operators in the reliability strategy. It is time for the separation between operators and maintenance to end and finally a partnership to begin.

Cutting-Edge Maintenance Management Strategies: This book also a sequel deals with the different cutting-edge maintenance strategies that must be adopted by industries in order for them to survive their competition. In industries today, the law of the jungle applies, survive or be left behind. Learn how these strategies can link together in building a solid maintenance structure in the plant. Finally understand Learn these cutting-edge maintenance strategies in helping build the reliability culture for industries.

Problems and Solutions on MRO Spare Parts and Storeroom: This book also a sequel on World Class Maintenance Management book that deals with the common problems on MRO Spare Parts and provide detailed recommendations on how to deal with the day to day problems of the storeroom and MRO Spare Parts. An algorithm or MRO Decision Diagram is provided in this book to determine what parts needs to be stock or not in the storeroom.

Lubrication Tactics for Industries Made Simple: An easy to read book that provides the different strategies that can be applied on lubricating grease and oil for equipment and assets to lessen the cost not only of their lubricants but also on failures attributed to lubrication failures. These proven strategies on greasing, lubrication and contamination control will save your industry not only on lubrication costs but on reducing failures attributed to lubrication failures.

We're Serving Maintenance Mankind Worldwide

MAINTENANCE BLOG

Lubrication Tactics for Industries Made Simple

Lubrication Tactics for Industries Made Simple: 8th Discipline of World Class Maintenance Management.

I'm not a lubrication expert by any standard, so I reached out to local vendors hoping they could bring in a few factory representatives to advise me. Unfortunately, I didn't receive the quality of help I needed at my facilities. Disappointed, I opted for "plan b," the internet. The first thing I learned is there are some costly books on lubrication, such as:

- [Handbook of Lubrication and Tribology](#)
- [Handbook of Lubrication and Tribology, Volume II](#)

Fortunately, there's a \$9.99 Kindle solution from [Rolly Angeles](#), one of my favorite authors of maintenance-related books, including the subject of this post, a title aptly named **Lubrication Tactics for Industries Made Simple: 8th Discipline of World Class Maintenance Management.**

To be continued:

[Amazon offers "Lubrication Tactics for Industries Made Simple: 8th Discipline of World Class Maintenance Management" Kindle Edition for \\$9.99 and the Paperback for \\$65.99](#)

Note: The entry below is from the author and Publisher

This Book will Help your Industries Reduce the Cost of Lubricants and Lubrication Problems in Industries.

The subject of lubrication is very broad and is evolving continuously with new technologies and developments as time passes. As a result, some of the things that have been written and published are now bygone and obsolete. While most maintenance and lubrication people I know are not appropriately educated on lubrication. Most of their decisions on which lubricant to use and when to change it are based mainly on OEM recommendations.

The purpose of writing this Book is to provide the maintenance people and the lubricant users an easy-to-understand and straightforward approach to lubrication that they can adapt easily in their plant to reduce lubricant-related failures and reduce their maintenance costs.

Lubricants can also be said to be the lifeblood of the equipment. The costs of lubricants in the industry only tell us just one side of the story. The much higher cost can be seen in the number of breakdowns and failures encountered daily caused by incorrect practices and myths about lubrication. The costs of failures attributed to lubrication are a minimum of 2 folds the costs of lubricants consumed in the equipment. This means that if your industry is a heavy user of lubrication, such as in the mining industry, multiply this by a minimum of two, which would be the estimated cost of failures attributed to lubrication.

Some of the highlights that are covered in this Book include the following

- Why is there no Lubrication Engineering Course in College?
- Is it possible to remove contaminants in the oil?
- Extended Oil Drain – Myth or Fact
- Does Oil Really Wear Out?
- Selecting the Correct Lubricating Oil for the Equipment
- Can We Mixed Different Grades and Brands of SAE Engine Oil?
- Grease Incompatibility Issue
- Advantages of Synthetic Oil over Petroleum Oil
- Frequently Asked Questions on Synthetic Oil
- Different Viscosity Grades for Industrial Lubricants
- Does Lubricating Oil Really Wear Out?
- Six Myths About Lubrication
- Ten Strategies to Adapt to Lubrication and Contamination Control
- Why is the Study of Tribology Important to Industries?
- Why Lubrication Failures Repeat Itself
- Benefits of Oil Analysis

- Why Does Oil Analysis Program Fail in Some Industries?
- Tips for Conducting Oil Analysis
- Lubrication Tactics on Lubricating Oil
- Lubrication Tactics on Oil Contamination Control(Code)
- Lubrication Tactics on Greasing
- Steps on Adopting a Lubrication Strategy

Contamination is the main problem with lubrication, and it has always been there in the equipment, and it comes not only in solid form but in liquid and air (bubbles). The author believes that the more contamination present in lubricating oil, the more chances of failures to happen, not only in hydraulics but all lubricating systems.

This Book explains what these contaminants can do and if it is possible to remove them from the oil. Whether your industry is a large consumer of lubricants or not, there are way too many problems experienced by maintenance people regarding lubrication. To name a few, we have problems with bearing failures, oil leakage, lack of procedure, human errors in mixing lubricants, wrong or obsolete procedures on lubrication, spillages, over-lubrication, under-lubrication, abrasion, oil contamination, oil oxidation, premature failures, improper storage of new lubricants, grease incompatibility issues, high lubrication costs, guesstimate on greasing interval, lack of knowledge, cost-cutting schemes on lubrication training, and you name it.

