



# Lubricants: Introduction to Properties and Performance

*Marika Torbacke, Åsa Kassman Rudolphi, Elisabet Kassfeldt*

Download now

[Click here](#) if your download doesn't start automatically

# Lubricants: Introduction to Properties and Performance

Marika Torbacke, Åsa Kassman Rudolphi, Elisabet Kassfeldt

**Lubricants: Introduction to Properties and Performance** Marika Torbacke, Åsa Kassman Rudolphi, Elisabet Kassfeldt

Those working with tribology often have a background in mechanical engineering, while people working with lubricant development have a chemistry/chemical engineering background. This means they have a tradition of approaching problems in different ways. Today's product development puts higher demands on timing and quality, requiring collaboration between people with different backgrounds. However, they can lack understanding of each other's challenges as well as a common language, and so this book aims to bridge the gap between these two areas.

*Lubricants: Introduction to Properties and Performance* provides an easy to understand overview of tribology and lubricant chemistry. The first part of the book is theoretical and provides an introduction to tribological contact, friction, wear and lubrication, as well as the basic concepts regarding properties and the most commonly made analyses on lubricants. Base fluids and their properties and common additives used in lubricants are also covered. The second part of the book is hands-on and introduces the reader to the actual formulations and the evaluation of their performance. Different applications and their corresponding lubricant formulations are considered and tribological test methods are discussed. Finally used oil characterisation and surface characterisation are covered which give the reader an introduction to different methods of characterising used oils and surfaces, respectively.

Key features:

- Combines chemistry and tribology of lubricants into one unified approach
- Covers the fundamental theory, describing lubricant properties as well as base fluids and additives
- Contains practical information on the formulations of lubricants and evaluates their performance
- Considers applications of lubricants in hydraulics, gears and combustion engines

*Lubricants: Introduction to Properties and Performance* is a comprehensive reference for industry practitioners (tribologists, lubricant technicians, and lubricant chemists, etc) and is also an excellent source of information for graduate and undergraduate students.

 [Download Lubricants: Introduction to Properties and Perform ...pdf](#)

 [Read Online Lubricants: Introduction to Properties and Perfo ...pdf](#)

## **Download and Read Free Online Lubricants: Introduction to Properties and Performance Marika Torbacke, Åsa Kassman Rudolphi, Elisabet Kassfeldt**

---

### **From reader reviews:**

#### **Alyson Hardy:**

Have you spare time for just a day? What do you do when you have far more or little spare time? Yes, you can choose the suitable activity regarding spend your time. Any person spent their very own spare time to take a wander, shopping, or went to the actual Mall. How about open or even read a book titled Lubricants: Introduction to Properties and Performance? Maybe it is to be best activity for you. You know beside you can spend your time with your favorite's book, you can more intelligent than before. Do you agree with it is opinion or you have some other opinion?

#### **Megan Martelli:**

This Lubricants: Introduction to Properties and Performance book is not ordinary book, you have after that it the world is in your hands. The benefit you will get by reading this book is information inside this e-book incredible fresh, you will get data which is getting deeper a person read a lot of information you will get. This specific Lubricants: Introduction to Properties and Performance without we comprehend teach the one who looking at it become critical in pondering and analyzing. Don't always be worry Lubricants: Introduction to Properties and Performance can bring when you are and not make your case space or bookshelves' grow to be full because you can have it with your lovely laptop even cellphone. This Lubricants: Introduction to Properties and Performance having good arrangement in word along with layout, so you will not sense uninterested in reading.

#### **Margaret Babin:**

Do you among people who can't read satisfying if the sentence chained inside the straightway, hold on guys this aren't like that. This Lubricants: Introduction to Properties and Performance book is readable by means of you who hate the straight word style. You will find the info here are arrange for enjoyable reading experience without leaving perhaps decrease the knowledge that want to offer to you. The writer associated with Lubricants: Introduction to Properties and Performance content conveys the thought easily to understand by a lot of people. The printed and e-book are not different in the content but it just different by means of it. So , do you still thinking Lubricants: Introduction to Properties and Performance is not loveable to be your top record reading book?

#### **Toni Sargent:**

Many people spending their time period by playing outside using friends, fun activity with family or just watching TV 24 hours a day. You can have new activity to spend your whole day by reading a book. Ugh, do you consider reading a book can really hard because you have to use the book everywhere? It fine you can have the e-book, getting everywhere you want in your Mobile phone. Like Lubricants: Introduction to Properties and Performance which is finding the e-book version. So , try out this book? Let's notice.

**Download and Read Online Lubricants: Introduction to Properties  
and Performance Marika Torbacke, Åsa Kassman Rudolphi,  
Elisabet Kassfeldt #Y8OW2MVFGNL**

## **Read Lubricants: Introduction to Properties and Performance by Marika Torbacke, Åsa Kassman Rudolphi, Elisabet Kassfeldt for online ebook**

Lubricants: Introduction to Properties and Performance by Marika Torbacke, Åsa Kassman Rudolphi, Elisabet Kassfeldt Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Lubricants: Introduction to Properties and Performance by Marika Torbacke, Åsa Kassman Rudolphi, Elisabet Kassfeldt books to read online.

## **Online Lubricants: Introduction to Properties and Performance by Marika Torbacke, Åsa Kassman Rudolphi, Elisabet Kassfeldt ebook PDF download**

**Lubricants: Introduction to Properties and Performance by Marika Torbacke, Åsa Kassman Rudolphi, Elisabet Kassfeldt Doc**

Lubricants: Introduction to Properties and Performance by Marika Torbacke, Åsa Kassman Rudolphi, Elisabet Kassfeldt Mobipocket

Lubricants: Introduction to Properties and Performance by Marika Torbacke, Åsa Kassman Rudolphi, Elisabet Kassfeldt EPub