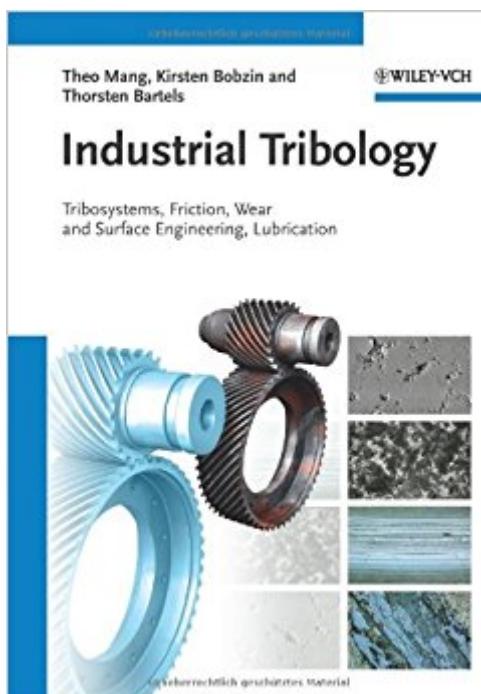


The book was found

# Industrial Tribology: Tribosystems, Friction, Wear And Surface Engineering, Lubrication



## Synopsis

Integrating very interesting results from the most important R & D project ever made in Germany, this book offers a basic understanding of tribological systems and the latest developments in reduction of wear and energy consumption by tribological measures. This ready reference and handbook provides an analysis of the most important tribosystems using modern test equipment in laboratories and test fields, the latest results in material selection and wear protection by special coatings and surface engineering, as well as with lubrication and lubricants. This result is a quick introduction for mechanical engineers and laboratory technicians who have to monitor and evaluate lubricants, as well as for plant maintenance personnel, engineers and chemists in the automotive and transportation industries and in all fields of mechanical manufacturing industries, researchers in the field of mechanical engineering, chemistry and material sciences.

## Book Information

Hardcover: 672 pages

Publisher: Wiley-VCH; 1 edition (January 18, 2011)

Language: English

ISBN-10: 3527320571

ISBN-13: 978-3527320578

Product Dimensions: 7 x 1.4 x 9.7 inches

Shipping Weight: 3.1 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,469,038 in Books (See Top 100 in Books) #66 in Books > Engineering & Transportation > Engineering > Mechanical > Tribology #2206 in Books > Science & Math > Chemistry > Industrial & Technical #3098 in Books > Textbooks > Engineering > Chemical Engineering

## Customer Reviews

“Although this book is generally of interest to mechanical engineers and surface scientists; it provides all researchers, graduate students, engineers, and chemists working in the field of tribology with an easy-to-read and concise introduction to this fast-growing discipline.” (IEEE Electrical Insulation Magazine, 1 May 2013)

Tribology is the science of friction, wear and lubrication. It is a fast growing discipline generating a lot of interest at universities, industrial and other research centers, and has produced promising new

results over the past five years. Due to its interdisciplinary nature, it requires efficient cooperation between mechanical engineers, materials scientists, chemists and chemical engineers, and even specialists in toxicology and environmental protection. Integrating very interesting results from the most important R&D project ever made in Germany, this ready reference and handbook offers a basic understanding of tribological systems and the latest developments in reduction of wear and energy consumption by tribological measures. The result is an analysis of the most important tribosystems using modern test equipment in laboratories and test fields, the latest results in material selection and wear protection by special coatings and surface engineering, as well as with lubrication and lubricants.

[Download to continue reading...](#)

Industrial Tribology: Tribosystems, Friction, Wear and Surface Engineering, Lubrication Tribology Data Handbook: An Excellent Friction, Lubrication, and Wear Resource (Handbook of Lubrication) Tribology of Polymeric Nanocomposites, Volume 55, Second Edition: Friction and Wear of Bulk Materials and Coatings (Tribology and Interface Engineering) Tribology in Metalworking: Friction, Lubrication and Wear The Cutting Edge of Tribology: A Decade of Progress in Friction, Lubrication and Wear Tribology: Friction, Lubrication and Wear New Directions in Lubrication, Materials, Wear, and Surface Interactions: Tribology in the 80's Coatings Tribology, Volume 56, Second Edition: Properties, Mechanisms, Techniques and Applications in Surface Engineering (Tribology and Interface Engineering) Tribology, Second Edition: Friction and Wear of Engineering Materials Tribology: Friction and Wear of Engineering Materials Hydrodynamic Lubrication, Volume 33: Bearings and Thrust Bearings (Tribology and Interface Engineering) Tribology of Elastomers, Volume 47 (Tribology and Interface Engineering) Tribology in Electrical Environments, Volume 49 (Tribology and Interface Engineering) Engineering Tribology (Tribology Series) The Friction and Lubrication of Solids (Oxford Classic Texts in the Physical Sciences) CRC Handbook of Lubrication and Tribology, Volume III: Monitoring, Materials, Synthetic Lubricants, and Applications, Volume III Handbook of Lubrication and Tribology, Volume II: Theory and Design, Second Edition CRC Handbook of Lubrication: Theory and Practice of Tribology, Volume II: Theory and Design Applied Tribology: Bearing Design and Lubrication Evaluation of Industrial Disability: Prepared by the Committee of the California Medical Association and Industrial Accident Commission of the State ... of Joint Measures in Industrial Injury Cases.

[Contact Us](#)

[DMCA](#)

Privacy

FAQ & Help