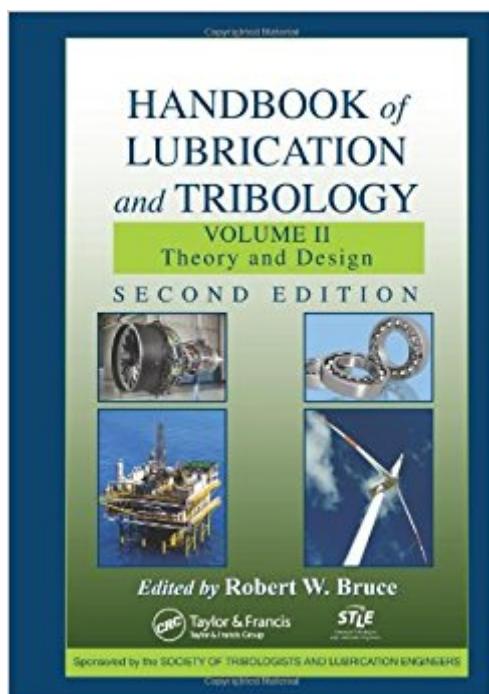


The book was found

Handbook Of Lubrication And Tribology, Volume II: Theory And Design, Second Edition



Synopsis

Since the publication of the best-selling first edition, the growing price and environmental cost of energy have increased the significance of tribology. *Handbook of Lubrication and Tribology, Volume II: Theory and Design, Second Edition* demonstrates how the principles of tribology can address cost savings, energy conservation, and environmental protection. This second edition provides a thorough treatment of established knowledge and practices, along with detailed references for further study. Written by the foremost experts in the field, the book is divided into four sections. The first reviews the basic principles of tribology, wear mechanisms, and modes of lubrication. The second section covers the full range of lubricants/coolants, including mineral oil, synthetic fluids, and water-based fluids. In the third section, the contributors describe many wear- and friction-reducing materials and treatments, which are currently the fastest growing areas of tribology, with announcements of new coatings, better performance, and new vendors being made every month. The final section presents components, equipment, and designs commonly found in tribological systems. It also examines specific industrial areas and their processes. Sponsored by the Society of Tribologists and Lubrication Engineers, this handbook incorporates up-to-date, peer-reviewed information for tackling tribological problems and improving lubricants and tribological systems. The book shows how the proper use of generally accepted tribological practices can save money, conserve energy, and protect the environment.

Book Information

Hardcover: 1169 pages

Publisher: CRC Press; 2 edition (July 6, 2012)

Language: English

ISBN-10: 142006908X

ISBN-13: 978-1420069082

Product Dimensions: 6.9 x 2.3 x 10.3 inches

Shipping Weight: 4.4 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,236,091 in Books (See Top 100 in Books) #27 in Books > Engineering & Transportation > Engineering > Mechanical > Tribology #941 in Books > Engineering & Transportation > Engineering > Mechanical > Machinery #1161 in Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Industrial Design

Customer Reviews

Robert W. Bruce is the principal engineer tribology at General Electric Aviation. He was president of the STLE from 2008 to 2009.

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

Tribology Data Handbook: An Excellent Friction, Lubrication, and Wear Resource (Handbook of Lubrication) 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 CRC Handbook of Lubrication and Tribology, Volume III: Monitoring, Materials, Synthetic Lubricants, and Applications, Volume III Tribology of Polymeric Nanocomposites, Volume 55, Second Edition: Friction and Wear of Bulk Materials and Coatings (Tribology and Interface Engineering) Coatings Tribology, Volume 56, Second Edition: Properties, Mechanisms, Techniques and Applications in Surface Engineering (Tribology and Interface Engineering) Applied Tribology: Bearing Design and Lubrication 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) New Directions in Lubrication, Materials, Wear, and Surface Interactions: Tribology in the 80's Tribology in Metalworking: Friction, Lubrication and Wear The Cutting Edge of Tribology: A Decade of Progress in Friction, Lubrication and Wear Industrial Tribology: Tribosystems, Friction, Wear and Surface Engineering, Lubrication Tribology: Friction, Lubrication and Wear Tribology of Plastic Materials: Their Characteristics and Applications to Sliding Components (Tribology Series) Engineering Tribology (Tribology Series) CRC Handbook of Lubrication (Theory and Practice of Tribology), Volume I: Application and Maintenance Handbook of Micro/Nano Tribology, Second Edition (Mechanics & Materials Science) The Tribology Handbook, Second Edition

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)