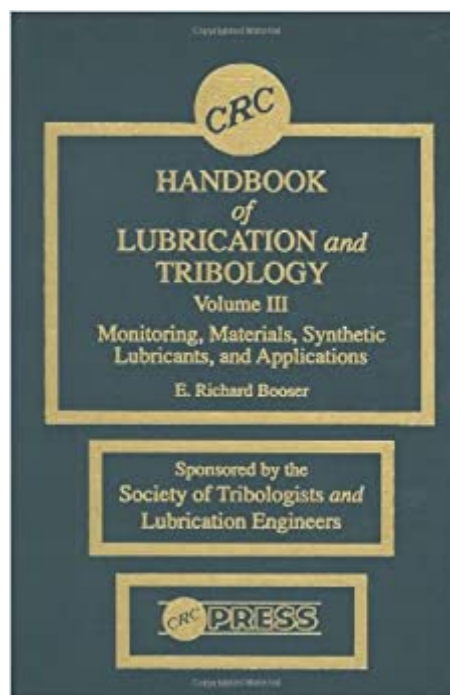




The book was found

CRC Handbook Of Lubrication And Tribology, Volume III: Monitoring, Materials, Synthetic Lubricants, And Applications, Volume III



Synopsis

Volume III extends this handbook series to cover new developments and topics in tribology that have occurred during the past decade. It includes in-depth discussions on revolutionary magnetic bearings used in demanding applications in compressors, high-speed spindles, and aerospace equipment. Extensive coverage is given to tribology developments in office machines and in magnetic storage systems for computers. Monitoring sensors are addressed in the first chapter, followed by chapters on specific monitoring techniques for automobiles, diesels, and rotating machines. One chapter is devoted to procedures used for tracking the remaining life of lubricants. Synthetic lubricants are discussed by outstanding specialists in this rapidly developing field. Synthetics are increasingly important in widely diverse areas, including compressors using the new ozone-layer-friendly refrigerants and a variety of extreme-temperature and environmentally-sensitive applications. Water- and gas-lubricated bearings are given similar attention. The contributors also develop a new, unified coverage for fatigue life of ball and roller bearings; for design and application of porous metal bearings; for self-contained lubrication, involving oil rings, disks, and wicks; and for plastic bearings. Each of these classes of bearings are used by the millions daily throughout industry. The three-volume handbook is an essential reference to tribologists and lubrication, mechanical, and automotive engineers. It is invaluable to lubricant suppliers; bearing companies; those working in the aerospace industry; and anyone concerned with machine design, machinery wear, and maintenance.

Book Information

Series: Handbook of Lubrication

Hardcover: 640 pages

Publisher: CRC Press; 1 edition (December 21, 1993)

Language: English

ISBN-10: 0849339030

ISBN-13: 978-0849339035

Product Dimensions: 1.2 x 7.5 x 10.5 inches

Shipping Weight: 2.7 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,007,094 in Books (See Top 100 in Books) #21 in [Books > Engineering & Transportation > Engineering > Mechanical > Tribology](#) #773 in [Books > Science & Math > Chemistry > Industrial & Technical](#) #859 in [Books > Engineering & Transportation >](#)

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

CRC Handbook of Lubrication and Tribology, Volume III: Monitoring, Materials, Synthetic Lubricants, and Applications, Volume III Tribology Data Handbook: An Excellent Friction, Lubrication, and Wear Resource (Handbook of Lubrication) CRC Handbook of Lubrication: Theory and Practice of Tribology, Volume II: Theory and Design Tribology of Plastic Materials: Their Characteristics and Applications to Sliding Components (Tribology Series) Lubricants and Lubrication, 2 Volume Set Tribology of Polymeric Nanocomposites, Volume 55, Second Edition: Friction and Wear of Bulk Materials and Coatings (Tribology and Interface Engineering) 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) Handbook of Lubrication and Tribology, Volume II: Theory and Design, Second Edition Lubricants and Lubrication Synthetic Lubricants And High- Performance Functional Fluids, Revised And Expanded (Chemical Industries) Synthetic Lubricants and High-Performance Functional Fluids (Chemical Industries) CRC Handbook of Lubrication (Theory and Practice of Tribology), Volume I: Application and Maintenance CRC Handbook of Chemistry and Physics, 88th Edition (CRC Handbook of Chemistry & Physics) 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) Applied Tribology: Bearing Design and Lubrication Tribology in Metalworking: Friction, Lubrication and Wear The Cutting Edge of Tribology: A Decade of Progress in Friction, Lubrication and Wear

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)