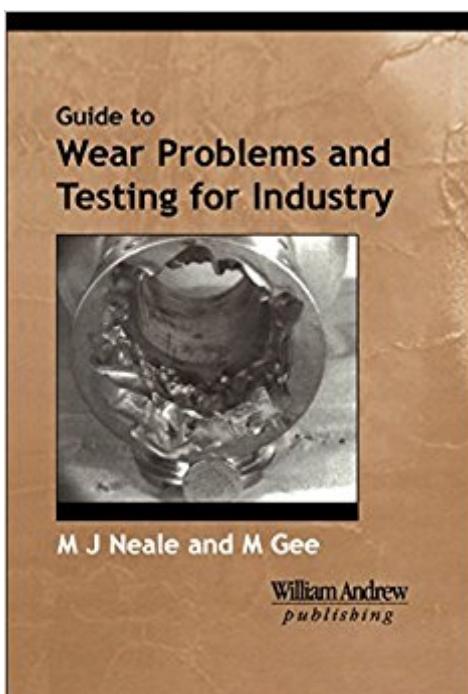


The book was found

# A Guide To Wear Problems And Testing For Industry (Materials And Processing Technology)



## **Synopsis**

Machine component wear is one of the costliest problems within industry. In fact, a 1997 survey in the UK placed wear costs at 25% of turnover, or approximately \$1 billion. In many cases, making design and or material changes can reduce this cost by 50% or more! This handbook reviews component wear, and guides the reader through solutions to wear problems, testing methods for materials and wear mechanisms, and information on wear performance of different materials for components. The bottom line is that it helps to reduce ""the bottom line"" removing risks associated with changes to machinery. This book is based on practical use. It outlines the following practices: reviews of wear mechanisms that occur in various types of machinery and solutions to industrial wear problems; guides to relative wear performance of different component materials; comparison of the wear performance of those materials; reviews of laboratory tests to simulate wear, and selection of appropriate tests; identification of improved materials, and; examination of worn surfaces.

## **Book Information**

Series: Materials and Processing Technology

Hardcover: 157 pages

Publisher: William Andrew; 1 edition (January 14, 2002)

Language: English

ISBN-10: 0815514719

ISBN-13: 978-0815514718

Product Dimensions: 0.5 x 6.2 x 9 inches

Shipping Weight: 1.1 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,012,999 in Books (See Top 100 in Books) #22 in Books > Engineering & Transportation > Engineering > Mechanical > Tribology #158 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Extraction & Processing #192 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Testing

## **Customer Reviews**

Michael Neale is an internationally renowned consulting mechanical engineer and Chairman of Neale Consulting Engineers Limited, who have been involved in solving practical wear problems in industry around the world for over 40 years. Mark Gee is a principal research scientist at the National

Physical Laboratory, where he manages projects concerned with the development of an improved infrastructure for friction and wear testing in the UK.

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

A Guide to Wear Problems and Testing for Industry (Materials and Processing Technology) DNA Testing Guide Book: Utilize DNA Testing to Analyze Family History Genealogy, Classify and Measure Ethnic Ancestry Research, And Discover Who You Are ... DNA Testing, Ancestry, Ancestry Research) Materials: Engineering, Science, Processing and Design (Materials 3e North American Edition w/Online Testing) Materials North American Edition w/Online Testing: Materials - North American Edition, Second Edition: engineering, science, processing and design Materials: Engineering, Science, Processing and Design (Materials 3e with Online Testing) Daniels and Worthingham's Muscle Testing: Techniques of Manual Examination and Performance Testing, 9e (Daniels & Worthington's Muscle Testing (Hislop)) Engineering Materials 2, Fourth Edition: An Introduction to Microstructures and Processing (International Series on Materials Science and Technology) Engineering Materials 2: An Introduction to Microstructures, Processing and Design (International Series on Materials Science and Technology) (v. 2) Prostate Problems Home Remedies, How To Fight Prostate Problems At Home, Get Rid Of Prostate Problems Fast!: Back On Track - Fighting Prostate Problems At Home Coatings Technology: Fundamentals, Testing, and Processing Techniques Materials Processing: A Unified Approach to Processing of Metals, Ceramics and Polymers Engineering Materials 3: Materials Failure Analysis: Case Studies and Design Implications (International Series on Materials Science and Technology) (v. 3) Some Wear Leather, Some Wear Lace: The Worldwide Compendium of Postpunk and Goth in the 1980s Processing Techniques and Tribological Behavior of Composite Materials (Advances in Chemical and Materials Engineering) Biomimetic Materials And Design: Biointerfacial Strategies, Tissue Engineering And Targeted Drug Delivery (Manufacturing Engineering & Materials Processing) Transport Phenomena in Materials Processing (The Minerals, Metals & Materials Series) Energetic Materials: Advanced Processing Technologies for Next-Generation Materials Engineering Materials Technology: Structures, Processing, Properties, and Selection (5th Edition) Handbook of Physical Vapor Deposition (PVD) Processing (Materials Science and Process Technology) Engineering Materials Technology: Structures, Processing, Properties and Selection (4th Edition)

[Contact Us](#)

[DMCA](#)

Privacy

FAQ & Help