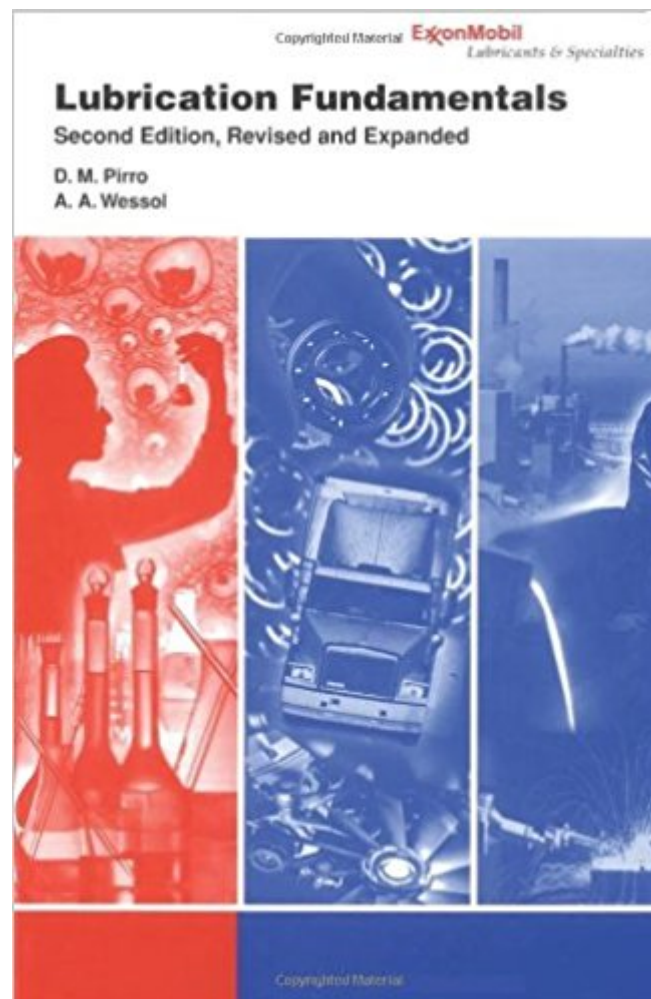




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# Lubrication Fundamentals, Second Edition (Mechanical Engineering)



## Synopsis

Building on the cornerstone of the first edition, *Lubrication Fundamentals Second Edition* outlines the emergence of higher performance-specialty application oils and greases and emphasizes the need for lubrication and careful lubricant selection. Thoroughly updated and rewritten since the previous edition reached its 10th printing, the book discusses product basics, machine elements that require lubrication, methods of application, lubricant storage and handling, and lubricant conservation. Keeping the characteristics that made the first edition a classic reference, this second edition provides current information in the format readers have come to trust.

**About the authors . . .**  
**D. M. PIRRO** is the Equipment Builder and OEM Manager, ExxonMobil Corporation, Fairfax, Virginia. The author or contributing editor of several scholarly articles on synthetic lubes, environmental awareness applications, grease technology, lubricant interchangeability, and oil analysis, Mr. Pirro is a Certified Lubrication Specialist and a member of the Society of Tribologists and Lubrication Engineers and the Association of Manufacturing Technology. He received the B.S. degree (1978) in mechanical engineering and the B.A. degree (1978) in business administration from Rutgers University, New Brunswick, New Jersey. **A. A. WESSOL** is a part-time Lubrication Consultant for the ExxonMobil Corporation in Manassas, Virginia. Mr. Wessol retired from the Mobil Corporation after 24 years in various advanced technical positions. The author or coauthor of numerous professional papers on the environmental aspects of lubrication, plant engineering, hydraulics, and pneumatics, he received the B.S. degree (1972) in mathematics, physics, and chemistry from the University of Pittsburgh, Pennsylvania.

## Book Information

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## Customer Reviews

The Second Edition is a classic reference for mechanical, design, lubrication (tribology), automotive, gear and transmission, and structural engineers, and upper-level undergraduate, graduate, and continuing-education students in these disciplines.-Tribologie und Schmierungstechnik, Vol. 50, No. 6, Nov/Dec 2003 Its style is clear, simple, and descriptive [the book] begins with a fascinating chapter on the history of petroleum, ends with a very useful section on the disposal of used lubricants and covers just about every up-to-date topic in between an excellent, wide-ranging survey of lubricants and lubrication.-Tribology International...useful to the operation and maintenance personnel in industries in bridging the gap between the highly technical literature and the operating and maintenance manuals.-Journal of the Institute of Engineers

Most useful knowledge collection about Lubricants

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This book was recommended by a technician in the field of lubrication. It is interesting and discussed tribology at the introductory level I was seeking.

As a senior Chemical Engineering Student, I have been exposed to some very dry and poorly written text books, this however, is not one of them. I bought this book simply for curiosity and to help prepare for a job interview. Very well written and easy to follow for readers of any background.

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