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Industrial Hydraulics Manual 5th Ed. 2nd Printing



Synopsis

The Industrial Hydraulics Manual is a color-illustrated hardbound textbook with more than 600 pages of information. It covers a range of topics related to hydraulics and electrohydraulics, including basic hydraulics principles, electricity and electronics, amplifiers, cartridge valves and circuits. The appendices of the manual feature commonly used formulae, conversion charts and on-the-job reference tools, such as tables and illustrations. The Industrial Hydraulics Manual also includes a chapter focused on the operation of industrial hydraulic circuits and injection molding systems. The Industrial Hydraulics Manual in Spanish and Answer Book accompany the new edition as supplements.

Book Information

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Customer Reviews

I am a forklift mechanic and wanted a book to really learn how hydraulics work and what makes a hydraulic circuit. I wanted to get deeper than just pumps, cylinders and hoses without needing an engineering degree to understand the information. This book accomplished that with easy to read text and easy to understand diagrams. Very complete and very well edited a must have for anyone in the hydraulic field. I have been in the forklift field for over 15 years and each time I read this book I think I learn something new. I think it is great and would recommend it to everyone.

Everything you need to know about hydraulics. Sizing pumps and motors. Sizing pressure lines and return lines. Different types of pumps. How to set up a unit and different types of valves you'll need to set it up right. Lots of good info in this book. Product overview 600-plus-page, hardbound textbook

covers everything you need to know about hydraulics and electrohydraulics, including the principles of basic hydraulics, basic electricity and electronics, amplifiers, cartridge valves and circuits. A systems chapter focuses on the operation of industrial hydraulic circuits and injection molding systems. Included in the appendices are commonly used formulae, conversion charts, tables that can be used as on-the-job reference materials, and much more.

Content-wise this book was well written and comprehensive, covering all practical aspects including hardware. Though it is not necessarily a design manual, any engineer who is learning fluid power should read this book because of its coverage of fittings, valve sizes, etc. in addition to circuit operation. Graphically, it has color illustrations which are a nice addition to aid in visualization of how various components operate.

Suffice to say if you are in the field of hydraulics, consider this as your bible. It's just a perfect book for this field.

After looking for ages for a decent hydraulics book I bought this book based on the reviews left here before me. It's a brilliant book with very high quality coloured images highlighting pressures and returns, etc. along with good explanations. Thanks Eaton!

This book is clearly written and covers all aspects of industrial hydraulics from the basics to system design and control logic. It is a great tool for a fluid power engineer or technician in any industry.

I bought this book used. The price was great. The book is easy to follow and read. It has lots of great reference tables that I will use after my hydraulics class is finished.

I found the book to explain hydraulic principles very well. Good info on electric over hydraulic control systems. I would recommend this book as a reference guide

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