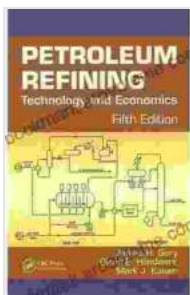


Petroleum Refining Technology and Economics, Fifth Edition: A Comprehensive Guide for the 21st Century

Petroleum refining is a vital industry that provides the world with the fuels and petrochemicals that power our economy. Refining is a complex process that involves the separation and conversion of crude oil into a variety of products, including gasoline, diesel fuel, jet fuel, heating oil, and plastics.



Petroleum Refining: Technology and Economics, Fifth Edition

by James H. Gary

★★★★☆ 4.5 out of 5

Language : English

File size : 19641 KB

Print length : 488 pages



The petroleum refining industry is constantly evolving to meet the changing needs of the global economy. In recent years, there has been a growing demand for cleaner fuels and petrochemicals, as well as for more efficient refining processes.

The Fifth Edition of Petroleum Refining Technology and Economics provides a comprehensive and authoritative overview of the petroleum refining industry. This book covers all aspects of refining, from the basics of crude oil distillation to the latest advances in refining technology. It also

discusses the economics of refining, including the impact of government regulations, environmental concerns, and global competition.

This book is essential reading for anyone involved in the petroleum refining industry. It is also a valuable resource for students and researchers who are interested in learning more about this important industry.

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2. Crude Oil Distillation
3. Reforming
4. Hydrotreating
5. Cracking
6. Alkylation
7. Polymerization
8. Other Refining Processes
9. Refining Economics
10. Environmental Impact of Refining

Audience

This book is intended for a wide audience, including:

- Petroleum refining professionals
- Chemical engineers

- Mechanical engineers
- Environmental engineers
- Economists
- Students and researchers

Author

Dr. James G. Speight is a world-renowned expert on petroleum refining. He has over 40 years of experience in the industry, and he has authored over 20 books on refining and related topics.

Dr. Speight is a Fellow of the American Institute of Chemical Engineers and the American Petroleum Institute. He is also a member of the National Academy of Engineering.

Reviews

"Petroleum Refining Technology and Economics, Fifth Edition, is a comprehensive and authoritative guide to the petroleum refining industry. This book is essential reading for anyone involved in the petroleum refining industry."

- Dr. John M. Campbell, Chevron

"Petroleum Refining Technology and Economics, Fifth Edition, is a valuable resource for students and researchers who are interested in learning more about the petroleum refining industry."

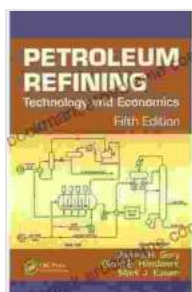
- Dr. Mark E. Davis, California Institute of Technology

"Petroleum Refining Technology and Economics, Fifth Edition, is a well-written and informative book. I highly recommend this book to anyone who is interested in the petroleum refining industry."

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