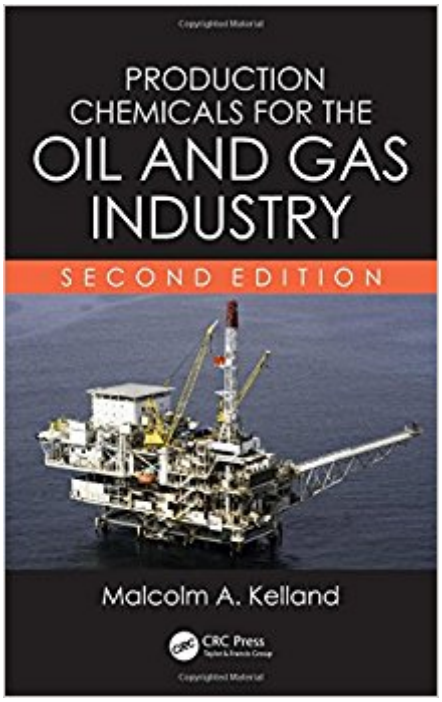
Ebook Directory
the best source of ebook

The book was found

Production Chemicals For The Oil And Gas Industry, Second Edition



PDF
Adobe
DOWNLOAD EBOOK

Synopsis

Production chemistry issues result from changes in well stream fluids, both liquid and gaseous, during processing. Since crude oil production is characterized by variable production rates and unpredictable changes to the nature of the produced fluids, it is essential for production chemists to have a range of chemical additives available for rectifying issues that would not otherwise be fully resolved. Modern production methods, the need to upgrade crude oils of variable quality, and environmental constraints demand chemical solutions. Thus, oilfield production chemicals are necessary to overcome or minimize the effects of the production chemistry problems.Production Chemicals for the Oil and Gas Industry, Second Edition discusses a wide variety of production chemicals used by the oil and gas industry for down-hole and topside applications both onshore and offshore. Incorporating the large amount of research and applications since the first edition, this new edition reviews all past and present classes of production chemicals, providing numerous difficult-to-obtain references, especially SPE papers and patents. Unlike other texts that focus on how products perform in the field, this book focuses on the specific structures of chemicals that are known to deliver the required or desired performanceâ •information that is very useful for research and development.Each updated chapter begins by introducing a problem, such as scale or corrosion, for which there is a production chemical. The author then briefly discusses all chemical and nonchemical methods to treat the problem and provides in-depth descriptions of the structural classes of relevant production chemicals. He also mentions, when available, the environmental properties of chemicals and whether the chemical or technique has been successfully used in the field. This edition includes two new chapters and nearly 50 percent more references.

Book Information

Hardcover: 454 pages
Publisher: CRC Press; 2 edition (March 13, 2014)
Language: English
ISBN-10: 1439873798
ISBN-13: 978-1439873793
Product Dimensions: 10.4 x 7.1 x 1.1 inches
Shipping Weight: 2.2 pounds (View shipping rates and policies)
Average Customer Review: 4.3 out of 5 stars 12 customer reviews
Best Sellers Rank: #687,864 in Books (See Top 100 in Books) #145 inÂ Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Mining #217 inÂ Books >

Science & Math > Chemistry > Industrial & Technical #2308 inÂ Books > Textbooks > Science & Mathematics > Chemistry

Customer Reviews

"â | covers the multitude of problems facing the production chemist in the oil industry â | very readable â | It is fine reference book for experienced personnel and an excellent source of information for newcomers." â •E. J. Vase, Chromatographia 2010, 72, July (No. 1/2) --This text refers to an out of print or unavailable edition of this title.

Malcolm A. Kelland obtained a first class honors degree in chemistry and a DPhil in organometallic chemistry from Oxford University, UK. He worked at RF-Rogaland Research (now the International Research of Stavanger, IRIS), Norway, from 1991 to 2000 mostly on production chemistry projects. He moved to the University of Stavanger (UiS), Norway, in 2001, where he is currently professor of inorganic chemistry. His current research is in designing and testing more environmentally friendly LDHIs as well as other projects on new scale inhibitors and other crystal growth inhibitors in and outside the oil industry. He is also the chief scientific officer for Eco Inhibitors, a spin-off company from UiS that consults on oilfield chemicals and licenses several new LDHIs.

Good content.However can be confusing and dull at parts. I have a petroleum engineering degree and was able to understand most of it. Some parts I had to do some clarification.Not perfect but definitely a good book for people who need to learn about oilfield chemicals. Good as a reference guide.

This book covers almost every oil field chemicals ans it shows what kind of chemicals are used for each application in details. Tons of books have been published on the oil field chemistry but there are not so many books which explain the chemical structure and the performance relationship like this book. This book gave me lots of new insight and actually I’ve got several ideas from this book to apply a concept to the different industrial application. I highly recommend this.

Great book for the industry. Very informative and well written.

I like the contents of the book. Although its a little advanced for me at the moment. Am sure it in will be of great use in the future.

Super!!!!!

this book gives you a lot of information about the oilfield chemicals. More information about corrosion and water treatment should be added. But it is very helpful in general

It is well origanized, the contents are very valuable and each chapter covers all its aspects in well, convincing approach.recommended for researchers and engineers who seek optimizing oil production.

good refernce

Download to continue reading...

Oil Painting: Learn Oil Painting FAST! Learn the Basics of Oil Painting In No Time (Oil Painting Tutorial, Oil Painting Books, Oil Painting For Beginners, Oil Painting Course, Oil Painting) (Volume 1) Production Chemicals for the Oil and Gas Industry, Second Edition Coconut Flour Recipes: Your Ultimate Low Carb, Gluten Free & Paleo Friendly Coconut Flour Cookbook (Coconut Oil, Coconut Oil Recipes, Coconut Oil For Weight ... Oil For Beginners, Coconut Oil Miracles) Diffuser Recipes: Essential Oil Diffuser Recipes For Weight Loss, Better Sleep & Fat Loss (Aromatherapy, Essential Oils, Detox, Cleanse, Healthy Living, ... Lavender Oil, Coconut Oil, Tea Tree Oil) Essential Oils: 50 Essential Oil Dog & Cat Recipes From My Essential Oil Private Collection: Proven Essential Oil Recipes That Work! (Essential Oil Pet Private Collection Book 1) Gas Chromatography and 2D-Gas Chromatography for Petroleum Industry: The Race for Selectivity Petroleum Engineer's Guide to Oil Field Chemicals and Fluids, Second Edition Operational Aspects of Oil and Gas Well Testing, Volume 1 (Handbook of Petroleum Exploration and Production) Seismic Hydrocarbon Exploration: 2D and 3D Techniques (Advances in Oil and Gas Exploration & Production) The Global Oil & Gas Industry: Management, Strategy and Finance Handbook of Materials Failure Analysis with Case Studies from the Oil and Gas Industry Corrosion Control in the Oil and Gas Industry The Technology of Artificial Lift Methods, Vol. 4: Production Optimization of Oil and Gas Wells by Nodal Systems Analysis 2013 Complete Guide to Hydraulic Fracturing (Fracking) for Shale Oil and Natural Gas: Encyclopedic Coverage of Production Issues, Protection of Drinking Water, Underground Injection Control (UIC) The Oil & Gas Industry: A Nontechnical Guide Fundamentals of Oil & Gas Industry for Beginners The Hitchhikerâ ™s Guide to the Upstream Oil & Gas Industry: An Introduction for non-technical People Oil & Gas Production in Nontechnical Language Modern

Radio Production: Production Programming & Performance (Wadsworth Series in Broadcast and Production) Olive Oil: (Free Gift eBook Inside!) How it Heals and Mends the Body, Beauty and Health Tips of Olive Oil (55 Beneficial Tips on How Olive Oil can Help You Today)

Contact Us

DMCA

Privacy

FAQ & Help