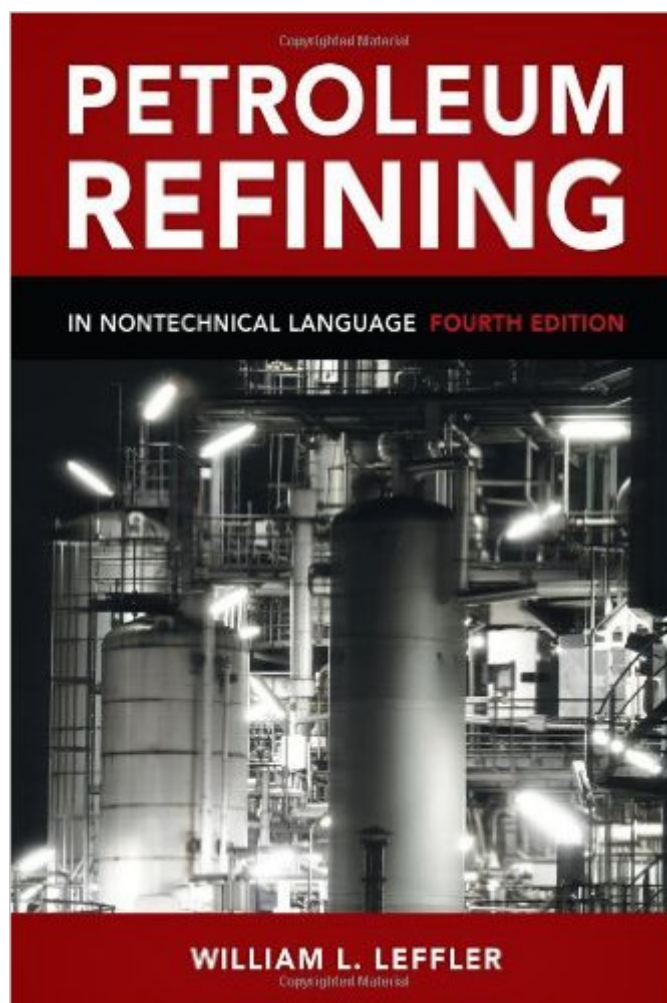


The book was found

# Petroleum Refining In Nontechnical Language, Fourth Edition



## Synopsis

William Leffler's Petroleum Refining in Nontechnical Language, Fourth Edition is designed to give the reader an overview of key refining topics by using relevant analogies, easy-to-understand graphs, formulas, and illustrations. New to this edition is important information on the nature of crude oil and raw materials and a comprehensive discussion on what sets crude oil and oil products price differentials. Also new is a chapter on lubricants as well as the latest technologies employed by refiners. Each chapter was carefully written in nontechnical language to give the reader a basic understanding of the refining industry. The book can be used for self-study, as a classroom textbook, or as a quick reference.

## Book Information

Hardcover: 270 pages

Publisher: PennWell Corp.; 4 edition (November 13, 2008)

Language: English

ISBN-10: 1593701586

ISBN-13: 978-1593701581

Product Dimensions: 0.8 x 6.2 x 9.2 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 4.8 out of 5 stars [See all reviews](#) (23 customer reviews)

Best Sellers Rank: #87,685 in Books (See Top 100 in Books) [#7 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Fossil Fuels > Petroleum](#) [#28 in Books > Textbooks > Engineering > Chemical Engineering](#) [#54 in Books > Engineering & Transportation > Engineering > Chemical](#)

## Customer Reviews

Very Good overview of petroleum refining. Well written. I would recommend it, as an introduction text, for every engineer working in an oil refinery. However, it is not written for process engineers looking for a technical book, as the process engineering concepts are not covered and sometimes incorrect. For example, Leffler states that "the perforations permit the vapors to rise through the column and the liquids to fall" to explain how distillation perforated trays work. Liquid flow through the perforations has to be avoided (this is called "tray dumping").

I have a BA degree in International Studies and an MBA in Finance. I have been in market and competitor analysis with energy consulting firms and operating companies for 28 years. I have relied

on this book every step of the way. Do not expect to get a detailed understanding of how refining works. If that is what you are seeking, you're not in the right place (hint: read the title!). What this splendid little book does is give a business person enough background to understand the various processes, both individually and as part of the flow from crude oil to, for example gasoline. How good is this book? Well, it has been in continuous publication for some 20 years.

If you are new to Refining, or just curious, this book is an excellent place to start. The author makes the subject very approachable for lay people and engineers new to refining. The book starts out with a description of the physical separation processes of distillation and vacuum flashing, and then moves carefully into the processes that require chemical reactions. No need to be a chemistry whiz; the author keeps the principles understandable. Highly recommend. Now if the publisher would only come out with a Kindle edition!

Very well-written book on petroleum refining, with a lot of graphs, pictures and explanations. For a petroleum specialist it might be a little too basic, but if you are not directly involved in oil refining in your day-to-day activities - this book is a very well presented material, covering all modern refining processes. Highly recommend to read.

This book is very well done. It covers all the basics about petroleum refining with enough details to be useful and it is written in a very easy to understand language. I recommend it to anyone who wants to understand the main purpose of all major petroleum refining equipments and their respective strategic use.

Written in clear language. This is my go-to book when I want to introduce new engineers to the details of oil refineries. Each of the refinery unit descriptions are very informative - without having to be a petroleum engineer to understand them. Cat crackers, vacuum unit, reformers, cokers, hydrotreaters, SRUs, it has them all. Way to go Mr. Leffler!!!

This book is a great read for any novice in the Petroleum Industry. I work in the industry and I have a much better understanding of how everything works after reading this book.

Takes the different processes and breaks them down into terms that lay people can use and understand. A copy was purchased for every control room in our unit

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

Petroleum Refining in Nontechnical Language, Fourth Edition Exploring for Oil and Gas Traps (Treatise of Petroleum Geology, Handbook of Petroleum Geology Series) (Treatise of Petroleum Geology, Handbook of Petroleum Geology Series) Refining Composition Skills: Academic Writing and Grammar (Developing / Refining Composition Skills Series) Natural Gas & Electric Power in Nontechnical Language (Pennwell Nontechnical Series) Nontechnical Guide to Petroleum Geology, Exploration, Drilling and Production (2nd Edition) Deepwater Petroleum Exploration & Production: A Nontechnical Guide Nontechnical Guide to Petroleum Geology, Exploration, Drilling & Production, 3rd Ed. Body Language: Body Language Training - Attract Women & Command Respect, by Mastering Your High Status Body Language (Body Language Attraction, Body Language ... Language Secrets, Nonverbal Communication) Refining Design for Business: Using analytics, marketing, and technology to inform customer-centric design (Graphic Design & Visual Communication Courses) Drilling Technology in Nontechnical Language, 2d Ed. Oil & Gas Pipelines in Nontechnical Language Electric Power Industry: In Nontechnical Language (Pennwell Non-Technical) July Fourth Cheer: A Rhyming Picture Book for Children about the Fourth of July, July 4th Cheer and Family Fun on the Fourth of July BODY LANGUAGE : Decoding Alpha Male Body Language, Instantly Attract Any Woman Without Saying a Single word. (Body Language 101, Alpha male, Attract woman, ... Seduce Women, Eye Contact, Body Language) Game Theory : A Nontechnical Introduction to the Analysis of Strategy (3rd Edition) Natural Gas Liquids: A Nontechnical Guide LNG: A Nontechnical Guide The SAGE Dictionary of Statistics & Methodology: A Nontechnical Guide for the Social Sciences Game Theory: A Nontechnical Introduction (Dover Books on Mathematics) On Language: Chomsky's Classic Works Language and Responsibility and Reflections on Language in One Volume

[Dmca](#)