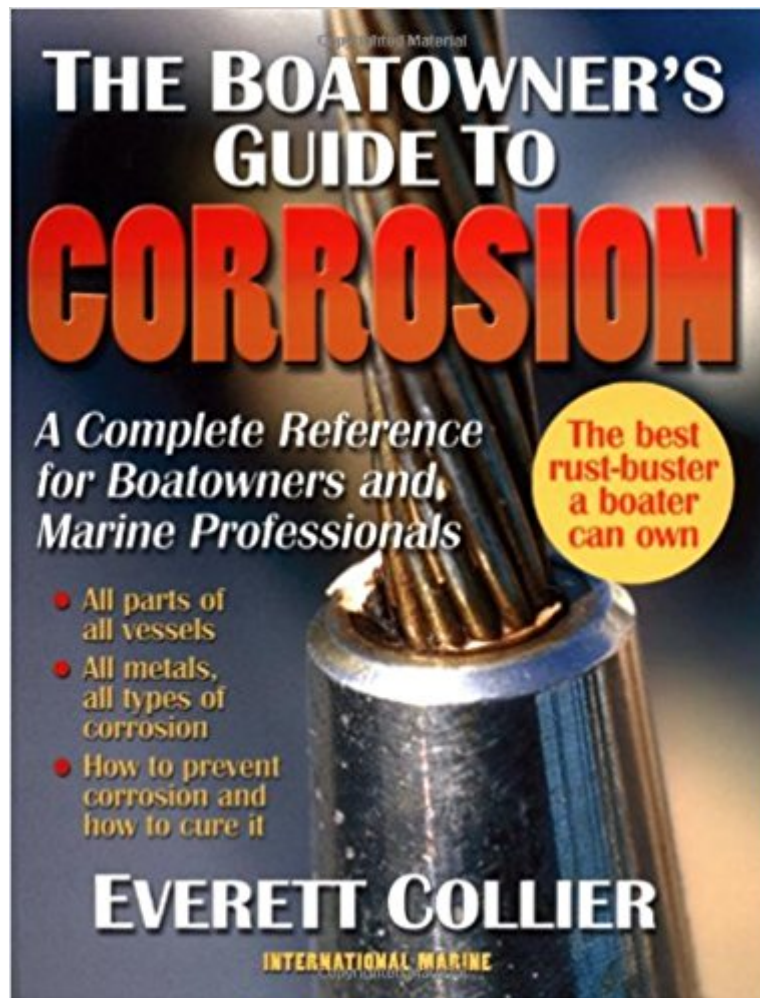




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The Boatowner's Guide To Corrosion



Synopsis

Boatowners fight a never-ending war against the pitiless enemy corrosion. Everett Collier comes to the rescue with this comprehensive, very readable handbook, telling the boatowner how to: find corrosion problems before they're obvious; take simple steps to prevent corrosion; protect all kinds of metal in every part of the boat and rigging; guard against the dangers of electrolysis. Boatowners will save themselves money, time, and headaches with the benefit of Collier's practical wisdom.

Book Information

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Customer Reviews

Corrosion is a constant, often expensive, and sometimes dangerous problem for boaters. Moisture, salt, electrical currents, and chemicals create a potent combination that can attack the metallic (and sometimes nonmetallic) parts of your boat. Everett Collier, an expert in marine technology, details all the types of corrosion--including simple galvanic, electrochemical, and electrolytic--and explains how to identify, combat, and prevent them. The Boatowner's Guide to Corrosion offers the most comprehensive and authoritative coverage available on how you can protect and preserve your boat from the ravages of corrosion, including

- An explanation of the processes that cause corrosion
- The properties, uses, and corrosion resistance of marine-grade metals
- How to avoid corrosion by changing your construction materials, using structural designs that prevent moisture and dirt collection, and properly applying protective coatings
- How to control corrosion in your critical systems--propulsion, electrical, plumbing--and in your hull, deck gear, masts, and rigging

Everett Collier is an electrical engineer, an avid cruising sailor and powerboater, and an amateur boatbuilder. He was most recently a director of technology in GTE's Precision Materials Group. He lectures and consults in advanced manufacturing technology management and is a member of the Society of Naval Architects and Marine Engineers and the American Boat & Yacht Council.

An in depth exposition of the detection, progression, mechanism, and retardation of corrosion in the marine and near-marine environment. Choice of materials, proximate exposures, current-avenues exploration, are all covered in readable format. A great read for all engineers, steel product designers and manufacturers, ... should have an interest in corrosion issues, and knowledge to provide clear parameters for usage of their products. Consumers would benefit financially, and with reduced worry or doubt with ferrous material usage, if they pursue this topic. I am a civil engineering graduate and find this book imperative to understanding and predicting weathering of ferrous metals in many environments. The Sieve

Outstanding book. Better than expected

This is an excellent book/thesis on Corrosion when dealing with boats.....it's for more than I ever wanted to know but put forth in a very useable manner. If you go thru the book even just skimming thru, you can't help but learn some useful information. ThanksMaxey..... It's Only Metal(I.O.M.)

Great Information for the novelist and the professional. The book arrived before promised delivery date.

Any one who works on boats should own a copy! I have much cleaner concepts and thoughts brought forth on corrosion by this book.

Full of information and ways to save lots of grief on a boat with simple solutions.

Great book. My zincs began disappearing quickly and this book provided a plan to solve the problem. It helped me find electrical problems that I was previously unaware of.

Great condition.

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