

Book Review

RHEOMETRY: INDUSTRIAL APPLICATIONS, Edited by Kenneth Walters, Research Studies Press, A Division of John Wiley & Sons Ltd., Chichester, New York, Brisbane, Toronto, 1980, viii + 418 pages. Price: \$75.00

This book is the first volume of a "Materials Science Research Studies Series (Series Editor: C. R. Tottle)." It is a sequel to Walter's *Rheometry* and is a collection of generally well-written chapters by experts in different areas of rheometry. The chapters are: "Fundamental Concepts" (K Walters); "Detergents" (H. A. Barnes); "Lubricants" (J. F. Hutton); "Foods" (M. Van den Temple); "Molten Polymers" (J. L. White); "Paints and Painting Inks" (J. Mewis) and "In-

dustrial Aqueous Suspensions" (K. M. Beazley).

The first chapter by Walters is a good concise introduction to the fundamental concepts of Rheometry, but inclusion of diagrammatic illustrations of the various flow patterns and tabulation of the practical industrial situations of significant importance would have been helpful. All chapters are quite comprehensive and provide useful illustrations and extensive references. There are a few minor inconsistencies in the usage of symbols, terminologies and identifications of quantities in some of the equations. The book will be a valuable asset for industrial scientists. Incorporation of a chapter on Rheometry in the Pharmaceutical Industry would have enhanced its utility.—DR. MARTIN LINDEMANN—Johnson & Johnson Baby Products.