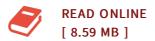




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Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1913 Excerpt: .Power 20 Surface Tension and Its Relation to Illuminating Power. 21 Optical Properties--Red Oil 21 Index of Refraction 23 Effect of Light on the Illuminating Power 23 Color of Kerosene Flame 23 Burning Quality 25 Illuminating Power and Draft 25 Effect of Air on the Illuminating Power of an Oil 26 B. T. U. s 26 The Kerosene Oi Lamp as an Illuminant 26 The Kerosene Oil Lamp as an Illuminant 26 Summary 28 LIST OF ILLUSTRATIONS Fig. 1--Kerosene Lamp Used for Tests 8 Fig. 2--Oil Tester 10 Fig. 3--Typical Relationship Curve Between Candle Power and Illuminating Power 14 Fig. 4--Curve Showing Relation Between Density and Illuminating Power 18 Fig. 5--Curve Showing Relation Between Surface Tension and Illuminating Power 22 Fig. 6--Curve Showing Relation Between Index of Refraction and Illuminating Power 24 ACKNOWLEDGMENT. The author wishes to thank Professor L. B. Spinney, head of the Department...



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