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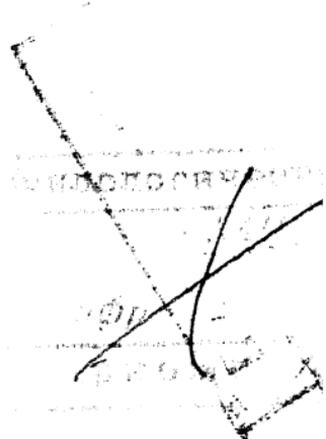
REDUCING FRICTION

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BY JOHN E POWERS

1899



VACUUM OIL COMPANY

LONDON

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One oil lubricates more than another

# REDUCING FRICTION

## I

### THE GIST OF THE BOOK

This book is written to show that the value of oil to a user of power—the price per gallon that he can afford to pay—depends on the answers to these questions:

Where to look  
for the  
value of oil

(1) how easy does it make his machinery go?

(2) how much power does it save?

(3) how much is this savable power worth in his particular works?—It differs in different circumstances. It costs all the way from nothing to \$100 a horse-power—more perhaps.

(4) how much wear does the oil prevent?

(5) how much do preventable repairs cost?

(6) how much, besides cost of repairs, is his loss by preventable wear?

(7) how long does the oil itself last? in the sense of: how much has he got to buy in a month or year?

There are no other questions to ask about oil itself, except, in some businesses, special questions like these: does it stain? does it fly off? etc.

Each chapter contains one part of the subject: one step in the journey. The end of