FOREWORD

This Symposium on Stability of Distillate Fuel Oils was sponsored by Technical Committee E on Burner Fuel Oils of ASTM Committee D 2 on Petroleum Products and Lubricants. The papers were presented at a committee sponsored session held on Wednesday, June 25, during the Sixty-first Annual Meeting in Boston, Mass. The symposium chairman was W. deB. Bertolette, E. I. du Pont de Nemours & Co., Inc. who also presided as chairman of the meeting.
Notes—The Society is not responsible, as a body, for the statements and opinions advanced in this publication.
CONTENTS

Introduction and Summary—William deB. Bertolette ........................ 1
Trials and Tribulations of a Large-Development Oil Heating—N. M. Edmands. 3
Predictive Type Tests for Storage Stability and Compatibility of Diesel Fuels—
   J. W. MacDonald and R. T. Jones ..................................... 5
Requirements for Dependable Performance of Domestic Oil Burner Nozzles—
   E. O. Olson ........................................................................ 15
Do We Need a Stability Specification No. 2 Heating Oil?—R. Gray .......... 21
How Distillate Fuel Stability is Measured and Controlled—W. L. Clinkenbeard 32
Incompatibility of Distillate Fuels—C. C. Ward and F. G. Schwartz ......... 41
Distillate Fuel Oil Gel—F. R. Dunn, Jr. and R. W. Sauer .................. 47
THIS PUBLICATION is one of many issued by the American Society for Testing Materials in connection with its work of promoting knowledge of the properties of materials and developing standard specifications and tests for materials. Much of the data result from the voluntary contributions of many of the country's leading technical authorities from industry, scientific agencies, and government.

Over the years the Society has published many technical symposiums, reports, and special books. These may consist of a series of technical papers, reports by the ASTM technical committees, or compilations of data developed in special Society groups with many organizations cooperating. A list of ASTM publications and information on the work of the Society will be furnished on request.