



**STP 7C**

**SIGNIFICANCE OF TESTS  
FOR  
PETROLEUM PRODUCTS**

**BOLDT/HALL**



**AMERICAN SOCIETY FOR TESTING AND MATERIALS**

# SIGNIFICANCE OF TESTS FOR PETROLEUM PRODUCTS

Prepared by  
ASTM Committee  
D-2 on Petroleum Products  
and Lubricants

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# Foreword

This book has been developed through the joint efforts of the American Society for Testing and Materials (ASTM) and the Institute of Petroleum (IP). ASTM, particularly its Committee D-2 on Petroleum Products and Lubricants, and IP are long-established sources of standard testing and evaluation methods for petroleum and petroleum products. Many of these standard methods are accepted internationally as yardsticks for the determination of product quality.

The purpose of this volume is to provide an informative reference text on the significance of ASTM and IP test results that are used in commercial transactions to definitively describe petroleum raw materials and petroleum products. To ensure orderly treatment, separate chapters have been prepared for each major raw material or end product. The general approach in each chapter is as follows:

(a) A definitive description of the raw material or product is presented along with its known or prospective use applications.

(b) The primary quality characteristics that define the material in those use applications are outlined.

(c) The particular tests and analytical procedures applicable to the quality assessment for the material are indicated.

(d) Suggestions for further reading are listed.

Each chapter has been written as an entity. Since many tests are applicable to several products, this results in a certain amount of repetition. Repetition was believed to be preferable to elaborate cross referencing.

Although this book will be revised periodically, there will be no assurance that the test methods or specifications cited are current. Up-to-date standards can be found in the appropriate volumes of the *Annual Book of ASTM Standards* and *IP Standards for Petroleum and Its Products*.

## Related ASTM Publications

LP-Gas Engine Fuels, STP 525 (1973), \$4.75, 04-525000-12

Viscosity Index Tables for Celsius Temperatures, DS 39B (1975), \$30.00,  
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