Distillation and Vapor Pressure Measurement in Petroleum Products

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Editor
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Foreword

THIS PUBLICATION, Manual on *Distillation and Vapor Pressure Measurement in Petroleum Products*, was sponsored by ASTM International Committee D02 on Petroleum Products and Lubricants, and edited by Rey G. Montemayor, Imperial Oil Ltd., Sarnia, Ontario, Canada. This publication is Manual 51 of ASTM International’s Manual Series.
Preface

ASTM International has been developing standards that is widely used world-wide since 1898. The technical content and quality of these standards are excellent, and these are largely due to the thousands of technical experts who volunteer and devote considerable amount of their time and effort in the standards development activities.

In ASTM Committee D02 on Petroleum Products and Lubricants, one of the largest ASTM committees, a tremendous amount of activity is spent in developing new test methods, and revising existing test methods to meet ever increasing demands for high quality standards in the industry. ASTM D02 is blessed with a considerable number of technical experts who, in one way or another, have contributed tremendously to standards development related to petroleum products and lubricants. This manual is the result of the selfless effort, time, dedication, and considerable expertise of some of these experts.
Acknowledgment

This manual would not have been possible without the help and contribution from a number of individuals. I would like to sincerely thank the authors of the different chapters who have been very responsive in submitting their manuscripts, and who have been very patient in waiting for all the publication protocols to be satisfied. Their time, effort, dedication and expertise have proven to be invaluable in the preparation of this manual. To the anonymous reviewers who have provided very helpful and constructive suggestions on their review of the content of the various chapters thereby making them easier to understand and minimize any potential misunderstanding, I would like to extend my heartfelt gratitude. Special thanks to a number of ASTM Staff who are instrumental in bringing this work to become a reality: to Lisa Drennen of Committee D02 who provided a number of ASTM historical documents; and to Monica Siperko and Kathy Dernoga of the ASTM Publications Department who provided support, guidance, and encouragement throughout the preparation of the various chapter manuscripts. I wish to thank Imperial Oil Ltd., for its continued support in the time and effort spent with this work, and other ASTM International activities. I would also like to acknowledge ASTM International and Committee D02 for sponsoring this work. And last, but not least, to Susanna, my sincere thanks for being so understanding and supportive of my involvement with ASTM International.

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Dr. Montemayor has been the recipient of a number of ASTM International awards, including the ASTM International Award of Merit in 2004 for his contribution to standards development in Committee D02. He has received Awards of Appreciation and Awards of Excellence from Committees D01, D02, and S15. His awards from D01 include the Henry A. Gardner Subcommittee Chairman of the Year in 2000 and 2006. He served on the ASTM Board of Directors from 2002 to 2004 and was the Chairman of the Finance and Audit Committee of the ASTM Board in 2005.

He has authored a number of technical publications in the Journal of Chemical Education, the Journal of Inorganic Chemistry, the Journal of the American Chemical Society, and the Journal of Testing and Evaluation. He has written chapters in a number of ASTM publications, including MNL. 1-7th, Significance of Tests for Petroleum Products; MNL 37, Fuels and Lubricants Handbook; and MNL. 17-15th, Paint and Coatings Manual.

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