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	Ropa a príbuzné výrobky. Použiteľnosť skúšobných metód pre motorovú naftu na metylestery mastných kyselín (FAME). Informácie a výsledky kruhových skúšok.	**TNI CEN/TR 15160** 65 6535

Petroleum and related products - Applicability of diesel fuel test methods for Fatty Acid Methyl Esters (FAME) - Information and results on round robin tests

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Petroleum and related products - Applicability of diesel fuel test methods for Fatty Acid Methyl Esters (FAME) - Information and results on round robin tests

Produits pétroliers et produits relié - Application des méthodes d'examination de gazole en Methyl Acides Graz (UMAG) - Information ét résultats d'examination inter-laboratoir

Mineralölerzeugnisse und verwandte Produkte - Anwendbarkeit von Prüfverfahren für Diesel-Kraftstoffe auf Fettsäure-Methylester (FAME) - Informationen und Ergebnisse aus Ringversuchen

This Technical Report was approved by CEN on 18 June 2005. It has been drawn up by the Technical Committee CEN/TC 19.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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Foreword

This document (CEN/TR 15160:2005) has been prepared by Technical Committee CEN/TC 19 “Gaseous and liquid fuels, lubricants and related products of petroleum, synthetic and biological origin”, the secretariat of which is held by NEN.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

Introduction

This Technical Report gives the results of the round robin series of tests to evaluate different test methods on their compatibility on FAME which are referred to in:

- EN 14213: *Heating fuels – Fatty acid methyl esters (FAME) – Requirements and test methods*, and
- EN 14214: *Automotive fuels – Fatty acid methyl esters (FAME) for diesel engines – Requirements and test methods*.

CEN/TC 19 acknowledges Mrs. M.F. Benassy from Total, all project leaders of each test method as indicated in the annexes and all other participants in CEN/TC 19/WG 26 "FAME related fuel test methods" (see Annex A) for their contribution to this report.

1 Summary

One task under the European Mandate M/245 was to investigate the applicability of existing petroleum test method standards for fatty acid methyl esters (FAME). For this task CEN/TC 19 has founded a separate working group 26, which has validated 24 methods via round robins, including the development of new test methods.

The work of CEN/TC 19/WG 26 was aimed at the drafting of amendments for existing ISO standards (with test methods for fossil fuels). These amendments include the extension of the scope of the standards to biodiesel as well as the new precision data for biodiesel. To get these new precision data (repeatability & reproducibility), WG 26 has done a major effort to validate all relevant test methods on request of the Task Force of WG 24 and WG 25 dealing with the specifications.