

	Kvapalné ropné výrobky. Preskúmanie skúšobnej metódy na meranie oxidačnej stálosťi motorovej nafty a zmesí motorová nafta/FAME určovaním čísla kyslosti po starnutí.	TNI CEN/TR 16885
		65 6524

Liquid petroleum products - Investigation on test method for measurement of the oxidation stability of diesel and diesel/FAME blends by Acid Number after ageing

Táto technická normalizačná informácia obsahuje anglickú verziu CEN/TR 16885:2015.
This Technical standard information includes the English version of CEN/TR 16885:2015.

Táto technická normalizačná informácia bola oznámená vo Vestníku ÚNMS SR č. 01/16

122291

TECHNICAL REPORT

CEN/TR 16885

RAPPORT TECHNIQUE

TECHNISCHER BERICHT

September 2015

ICS 75.160.20

English Version

**Liquid petroleum products - Investigation on test method
for measurement of the oxidation stability of diesel and
diesel/FAME blends by Acid Number after ageing**

Produits pétroliers liquides - Recherche de la
détermination de la stabilité à l'oxydation du gazole et
des mélanges gazole/EMAG par l'indice d'acide après
vieillissement

Flüssige Mineralöl-Erzeugnisse - Bericht über die
Bestimmung der Oxidationsstabilität von Diesel und
Diesel/FAME-Mischungen durch Bestimmung der
Säurezahl nach Veränderung

This Technical Report was approved by CEN on 17 August 2015. It has been drawn up by the Technical Committee CEN/TC 19.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

	Page
European foreword.....	3
1 Scope.....	4
2 Context and creation of a dedicated subgroup.....	4
3 Participants in the work.....	5
4 Meetings of the subgroup „Acid No.“	5
5 Main steps of the work item study	6
5.1 Creation of the NWI	6
5.2 Test method used.....	6
5.3 First Round Robin Test	7
5.4 Improvement of the test method.....	7
5.5 Pass/fail methodology.....	8
5.6 Second Round Robin Test	9
6 Conclusions	11
7 Acid number determination method available for lab use	11
8 Acknowledgements	11
Annex A (informative) Test method transcription	12
Annex B (normative) Round Robin Results	20
B.1 October 2010 results	20
B.2 2012/2013 RRT	22
Annex C (normative) Pass-/Fail discriminant analysis	25
Bibliography.....	31

European foreword

This document (CEN/TR 16885:2015) 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

1 Scope

This Technical Report describes the investigation into the development of a standard test method to determine oxidation stability of diesel fuel and fatty acid methyl ester (FAME) blends in diesel by the use of determining the acid number after ageing at elevated temperature. It provides conclusions following this work that have been discussed by CEN. The result thereof is that no European Standard has been developed.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN