



NSAI
Standards

Irish Standard
I.S. EN 16709:2015&AC:2016

Automotive fuels - High FAME diesel fuel (B20 and B30) - Requirements and test methods

I.S. EN 16709:2015&AC:2016

Incorporating amendments/corrigenda/National Annexes issued since publication:

EN 16709:2015/AC:2016

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.

This document is based on:

EN 16709:2015

Published:

2015-10-14

This document was published under the authority of the NSAI and comes into effect on:

2016-07-17

ICS number:

75.160.20

NOTE: If blank see CEN/CENELEC cover page

NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

National Foreword

I.S. EN 16709:2015&AC:2016 is the adopted Irish version of the European Document EN 16709:2015, Automotive fuels - High FAME diesel fuel (B20 and B30) - Requirements and test methods

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with this document does not of itself confer immunity from legal obligations.

In line with international standards practice the decimal point is shown as a comma (,) throughout this document.

This page is intentionally left blank

EUROPEAN STANDARD

EN 16709:2015/AC

NORME EUROPÉENNE

June 2016

EUROPÄISCHE NORM

Juin 2016

Juni 2016

ICS 75.160.20

English version
Version Française
Deutsche Fassung

Automotive fuels - High FAME diesel fuel (B20 and B30) - Requirements and test methods

Carburants pour automobiles - Carburant diesel à haute teneur en EMAG (B20 et B30) - Exigences et méthodes d'essai

Kraftstoffe für Kraftfahrzeuge - Dieselkraftstoffmischungen mit hohem FAME-Anteil (B20 und B30) - Anforderungen und Prüfverfahren

This corrigendum becomes effective on 29 June 2016 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 29 juin 2016 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 29. Juni 2016 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.



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

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

© 2016 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.
Tous droits d'exploitation sous quelque forme et de quelque manière que ce soit réservés dans le monde entier aux membres nationaux du CEN.
Alle Rechte der Verwertung, gleich in welcher Form und in welchem Verfahren, sind weltweit den nationalen Mitgliedern von CEN vorbehalten.

Ref. No.: EN 16709:2015/AC:2016 D/E/F

EN 16709:2015/AC:2016 (E)

1 Modification to Table 1

In Table 1, replace the last but one row with the following one:

"

Distillation ^j				
% (V/V) recovered at 250 °C	% (V/V)	85	< 65	EN ISO 3405 ^k EN ISO 3924
% (V/V) recovered at 350 °C	% (V/V)			
95 % (V/V) recovered at	°C			

"

to read:

"

Property	Unit	Limits		Test method ^a (See Clause 2)
		minimum	maximum	
Fatty acid methyl ester (FAME) content ^b	% (V/V)	14,0	20,0	EN 14078
Cetane number		51,0	-	EN ISO 5165 ^c EN 15195 EN 16144
Density at 15 °C	kg/m ³	820,0	860,0 ^d	EN ISO 3675 ^e EN ISO 12185
Flash point	°C	Above 55,0	-	EN ISO 2719
Viscosity at 40 °C	mm ² /s	2,000	4,620	EN ISO 3104
Sulfur content	mg/kg	-	10,0	EN ISO 13032 ^f EN ISO 20846 EN ISO 20884
Manganese content ^g	mg/l	-	2,0	EN 16576
Polycyclic aromatic hydrocarbons ^h	% (m/m)	-	8,0	EN 12916
Ash content	% (m/m)	-	0,010	EN ISO 6245
Water content	mg/kg	-	260	EN ISO 12937
Total contamination ⁱ	mg/kg	-	24	EN 12662
Oxidation stability	h	20,0	-	EN 15751
Distillation ^j				
% (V/V) recovered at 250 °C	% (V/V)	85	< 65	EN ISO 3405 ^k EN ISO 3924
% (V/V) recovered at 350 °C	% (V/V)			
95 % (V/V) recovered at	°C			

^a See also 6.7.1.

^b FAME shall meet the requirements of EN 14214, see 6.3.

^c See also 6.7.4.

^d The limit in the Fuels Quality Directive [1, 2, 3 and 4] for diesel type fuels is 845,0 kg/m³.

^e See also 6.7.2.

^f See also 6.7.3.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-