

DIN EN 14214:2014-06 (E)

Liquid petroleum products - Fatty acid methyl esters (FAME) for use in diesel engines and heating applications - Requirements and test methods (includes Amendment A1:2014)

Contents

	Page
Foreword	3
Introduction	5
1 Scope	6
2 Normative references	6
3 Sampling	8
4 Pump marking	8
5 Requirements and test methods	8
5.1 Dyes and markers	8
5.2 Additives	8
5.2.1 General	8
5.2.2 Oxidation stability enhancing additives	8
5.2.3 Non-FAME components	9
5.3 Generally applicable requirements and related test methods	9
5.4 Climate dependent requirements and related test methods	11
5.4.1 General	11
5.4.2 FAME being used at 100 % as fuel for diesel engines and heating applications	11
5.4.3 FAME being used as blend component in diesel fuel	12
5.5 Precision and dispute	13
Annex A (normative) Details of interlaboratory test programme	15
Annex B (normative) Correction factor for calculation of density of FAME	17
Annex C (informative) Background information for national climate grades selection	18
C.1 General	18
C.2 Calculation model for saturated monoglycerides in pure FAME	19
C.3 Calculation of EN 590 diesel fuel saturated monoglyceride content	19
Bibliography	21