DIN EN 589:2019-03 (E)

Automotive fuels - LPG - Requirements and test methods

Contents

Page

European foreword 3

1 Scope 4

2 Normative references 4

3 Terms and definitions 5

4 Sampling 5

5 Pump marking 5

6 Requirements and test methods 6
6.1 General 6
6.2 Water content 6
6.3 Odour 6
6.4 Density 6
6.5 Precision and dispute 6

7 Remarks concerning vehicle application issues like residues in vaporizers or injectors 8

Annex A (normative) Test method for odour of LPG 9

A.1 Introduction 9
A.2 Principle 9
A.3 Material 9
A.4 Apparatus 9
A.5 Procedure 10
A.6 Expression of results 11

Annex B (normative) Method of calculation of the Motor Octane Number (MON) from compositional analysis of LPG 12

B.1 Introduction 12
B.2 Principle 12
B.3 Determination 12
B.4 Calculation and expression of results 12
B.5 Reporting 13

Annex C (normative) Absolute vapour pressure blending factors 14

Annex D (informative) Seasonal gauge vapour pressure limits 15

Bibliography 16