

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