

Specification for

Automotive liquefied petroleum gas

The European Standard EN 589:1993 has the status of a
British Standard

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This British Standard, having been prepared under the direction of the Petroleum Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 May 1993

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National foreword

This British Standard has been prepared under the direction of the Petroleum Standards Policy Committee and is the English language version of EN 589:1993 *Automotive fuels — LPG — Requirements and methods of test*, published by the European Committee for Standardization (CEN). EN 589:1993 was produced as a result of international discussions in which the United Kingdom participated. BS EN 589 supersedes BS 4250-2:1987, which is withdrawn. EN 589 requires that each country implementing it establishes national annexes detailing requirements for sampling, pump marking and winter grades. These requirements are detailed in National annex NA, National annex NB and National annex NC, respectively.

The principal differences between this British Standard and BS 4250-2:1987 are as follows:

- a) requirements for composition are no longer included;
- b) requirements for pump marking have been introduced;
- c) the minimum motor octane number requirement has been reduced from 90 to 89;
- d) no requirements are now included for levels of mercaptan sulfur, ethylene and C₅ and higher hydrocarbons;
- e) requirements for gauge vapour pressure are no longer included but vapour pressure is now specified for winter grade fuels;
- f) comprehensive cautionary statements on health and safety considerations when undertaking odour testing are now included.

CAUTION. Attention is drawn to the cautionary statement in 6.2. Attention is also drawn to the guidance notes associated with the Control of Substances Hazardous to Health Regulations 1988, such as the current version of Guidance Note EH 40 *Occupational exposure limits*, published by the Health and Safety Executive (available from Her Majesty's Stationery Office).

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 8, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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English version

Automotive fuels — LPG — Requirements and methods of test

Carburants pour automobiles — GPL —
Exigences et méthodes d'essai

Kraftstoffe für Kraftfahrzeuge — Flüssiggas —
Mindestanforderungen und Prüfverfahren

This European Standard was approved by CEN on 1993-03-16. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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