



BSI Standards Publication

Petrol fuel for small internal combustion engines — Requirements and test methods

National foreword

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The UK participation in its preparation was entrusted to Technical Committee PTI/2, Liquid Fuels.

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English Version

Petrol fuel for small internal combustion engines - Requirements and test methods

Essence pour petits moteurs à combustion interne -
Exigences et méthodes d'essai

Ottokraftstoff für Kleinmotoren - Anforderungen und
Prüfverfahren

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European foreword

This document (EN 17867:2023+A1:2025) has been prepared by Technical Committee CEN/TC 19 “Gaseous and liquid fuels, lubricants and related products of petroleum, synthetic and biological origin”, the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2025, and conflicting national standards shall be withdrawn at the latest by October 2025.

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This document includes Amendment 1 approved by CEN on 20 February 2025.

A1 This document supersedes EN 17867:2023. **A1**

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Introduction

A1 This document is intended to provide a standardized quality for petrol fuels for small engines, with the purpose to reduce engine emissions for workers safety and environmental reasons and to extend the lifetime of devices. **A1**

Petrol fuels from an alkylate production process as specified in this document are mainly composed of paraffinic hydrocarbons, contain only small amounts of olefins and are substantially free of aromatic compounds, especially benzene. They are oxygen free, low in sulfur and are mainly used for small engines (chain saws, mowing machines etc.) requiring pure petrol fuels or petrol fuels with an admixture of engine oil depending on the design of the engine. Typically these fuels are produced in alkylation units but other production methods are possible.

This document describes both a petrol fuel for externally lubricated four-stroke engines and a petrol fuel for mixture-lubricated engines containing a lubricating oil component.