

ICS 75.160.20

CCS E31



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 35793-2018

Ethanol gasoline for motor vehicles E85

车用乙醇汽油E85

Issued on: February 6, 2018

Implemented on: September 1, 2018

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

Foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	5
4 Technical requirements and test methods	5
5 Sampling	6
6 Marking, packaging, transport and storage	6
7 Safety	6

Foreword

4.1 of this standard is a mandatory clause, and the rest are recommended clauses.

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard was proposed by and shall be under the jurisdiction of the
National Energy Administration.

Drafting organizations of this standard. Henan Tianguan Enterprise Group Co.,
Ltd., Xuzhou City Product Quality Supervision and Inspection Center,
Shandong Jingbo Petrochemical Co., Ltd., Tongji University.

Drafters of this standard. Yin Qiumei, Ding Ning, Yan Bo, Lou Diming, Du
Fengguang, Wang Zhiqiang, Hu Zhiyuan, Du Ping, Wang Jiqin, Yang Jianping.
Ethanol gasoline for motor vehicles E85

1 Scope

This standard specifies the technical requirements and test methods, sampling
and marking, packaging, transportation, storage and safety of ethanol gasoline
E85 for motor vehicles.

This standard applies to motor vehicle fuels of special ignition type internal
combustion engines that are produced by blending the denatured fuel ethanol and gasoline.

2 Normative references

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) are applicable to this standard.

GB 190 Packing symbol of dangerous goods

GB/T 191 Packaging - Pictorial marking for handling of goods

GB/T 4756 Method for manual sampling of petroleum liquids

GB/T 5096 Test method for corrosiveness to copper from petroleum products by copper strip test

GB/T 8017 Standard test method for vapor pressure of petroleum products (Reid Method)

GB/T 8019 Standard test method for gum content in fuels - By jet evaporation

GB 13690 General rule for classification and hazard communication of chemicals

GB 17930 Gasoline for motor vehicles

GB 18350-2013 Denatured fuel ethanol

GB 22030 Blendstocks of ethanol gasoline for motor vehicles

GB 30000.7-2013 Rules for classification and labelling of chemicals - Part 7.

About this edition

GB 35793-2018 is the current edition. It was issued on 6 February 2018 and has been in force since 1 September 2018.

The interval between issue and effect is the transition period. It exists so that producers, laboratories and buyers can requalify products, revise procedures and use up documentation before the new text becomes the one that applies. The date on this page is the official one from the record of the Standardization Administration.

Classification and status

GB 35793-2018 is classified under ICS 75.160.20. ICS is the International Classification for Standards, the same scheme used by ISO and by the national bodies of most countries, which is what allows a Chinese standard to be placed beside its foreign counterparts on subject rather than on number.

Its Chinese Standard Classification code is CCS E31. CCS is the domestic scheme, a letter

for the sector and two digits for the subject within it, and it is the code by which the standard is filed and searched in China.

The GB prefix marks a mandatory national standard. Compliance is required by law within China: it applies to what is made, sold or imported there, and an inspection body will judge a product against it whether or not a contract names it.

How a Chinese national standard is set out

Chinese national standards are drafted to the rules of GB/T 1.1, which fixes the order in which a standard is set out. The document opens with a foreword recording the issuing bodies, the relationship to any previous edition and the technical committee responsible for it. Clause 1 is the scope. Clause 2 lists the normative references - the other standards that have to be applied together with this one, and without which its requirements cannot be met. Clause 3 gives the terms and definitions. The technical clauses follow: the requirements themselves, the test or measurement methods by which conformity is established, the inspection rules that say how a lot is sampled and judged, and, for a product standard, the provisions on marking, packaging, transport and storage. Annexes, normative or informative, come last.

GB 35793-2018 runs to 10 pages in the English translation. What is delivered is the complete document in that order: every clause, every table, every figure and every annex of the Chinese original, with the same numbering, so that a reference to a clause number in a contract or a test report points to the same place in both languages.

About this English translation

The English edition of GB 35793-2018 is a full translation of the official Chinese text, not a summary, an abstract or a machine rendering left unchecked. Clause and subclause numbers, table and figure numbers and annex letters are those of the original, because they are what a specification, a purchase order or a test report cites.

Technical terms are translated against the vocabulary standards of the same field, so that a term used in GB 35793-2018 reads the same way as in the other Chinese standards it is used beside. Where a term has an established English form in an ISO or IEC document on the same subject, that form is used; where China's term has no foreign counterpart, it is translated literally and the Chinese is kept alongside it rather than replaced by an approximation.

Quantities, units and symbols are carried over unchanged. Chinese standards use SI, so a value in the translation is the value in the original document, not a conversion, and a limit read from the English text is the limit that will be applied by a Chinese inspection body reading the Chinese one.

This page is compiled from the official publication record: the standard number and both

titles, the issuing bodies, the dates of issue and effect, the ICS and CCS classification. The requirements, limits, tables and test conditions are in the document itself.

chinastandards.org · PREVIEW