

JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS K 2390 : 2016

(JSAE)

**Automotive fuels—Fatty acid methyl
ester (FAME) as blend stock**

ICS 43.060.40;71.100.99;75.160.20

Reference number : **JIS K 2390 : 2016 (E)**

K 2390 : 2016

Date of Establishment: 2008-02-20

Date of Revision: 2016-03-22

Date of Public Notice in Official Gazette: 2016-03-22

Investigated by: Japanese Industrial Standards Committee
Standards Board for ISO area

JIS K 2390:2016, First English edition published in 2016-07

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

In the event of any doubts arising as to the contents,
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Printed in Japan

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by The Society of Automotive Engineers of Japan, Inc. (JSAE) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS K 2390**:2008 is replaced with this Standard.

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Automotive fuels—Fatty acid methyl ester (FAME) as blend stock

Introduction

This Japanese Industrial Standard specifies quality requirements for fatty acid methyl ester (hereafter referred to as “FAME”) based on the agreement among automobile industries, user associations, fat and oil industries and petroleum industries. FAME is blended with diesel fuel (B0) supplied for either automobiles or internal combustion engines similar to automobiles currently available in Japan, to the amount not exceeding 5 % in mass fraction.

No corresponding International Standard has been established at this point.

WARNING FAME specified in this Standard, if not handled or used with adequate precautions, can cause dangers. This Standard does not purport to address all safety issues in using FAME. It is the responsibility of the user of this Standard to determine rules of operation in accordance with the related laws and regulations, and to take adequate preventive measures for safety and health practice prior to use.

NOTE : For distinction, this Standard expresses diesel fuel containing 5 % of FAME as “diesel fuel (B5)”, and diesel fuel without containing FAME as “diesel fuel (B0)”.

1 Scope

This Standard specifies FAME to be blended with diesel fuel (B0) supplied for either automobiles or internal combustion engines similar to automobiles, to the amount not exceeding 5 % in mass fraction.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS K 0070 *Test methods for acid value, saponification value, ester value, iodine value, hydroxyl value and unsaponifiable matter of chemical products*

JIS K 2204 *Diesel Fuel*

JIS K 2249-1 *Crude petroleum and petroleum products—Determination of density—Part 1: Oscillating U-tube method*

JIS K 2249-2 *Crude petroleum and petroleum products—Determination of density—Part 2: Hydrometer method*

JIS K 2249-3 *Crude petroleum and petroleum products—Determination of density—Part 3: Capillary pycnometer method*

JIS K 2251 *Crude petroleum and petroleum products—Sampling*