



# MALAYSIAN STANDARD

MS 123-1:2014

## Diesel fuel - Specification - Part 1: Euro 2M (Fourth revision)

ICS: 75.080

Descriptors: diesel, EURO 2M, specifications, test method

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## MS 123-1:2014

### Committee representation

The Industry Standards Committee on Petroleum and Gas (ISC H) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Association of Malaysian Oil and Gas Engineering Consultants  
Department of Occupational Safety and Health Malaysia  
Department of Standards Malaysia  
Federation of Malaysian Manufacturers - Malaysian Industrial Gases Manufacturers Group  
Jabatan Bomba dan Penyelamat Malaysia  
Jabatan Pengangkutan Jalan Malaysia  
Kastam Diraja Malaysia  
Malaysian Gas Association  
Malaysian Palm Oil Board  
Malaysian Plastics Manufacturers Association  
Ministry of Domestic Trade, Co-operatives and Consumerism  
Ministry of International Trade and Industry  
Petroleum Nasional Berhad  
PETRON Malaysia Refining & Marketing Bhd  
PETRONAS Technical Services Sdn Bhd  
Shell Malaysia Trading Sdn Bhd  
SIRIM Berhad (Secretariat)  
Suruhanjaya Tenaga  
The Institution of Engineers, Malaysia  
Universiti Teknologi Malaysia  
Universiti Teknologi PETRONAS

The Technical Committee on Petroleum Fuels which developed this Malaysian Standard consists of representatives from the following organisations:

Automobile Association of Malaysia  
Boustead Petroleum Marketing Sdn Bhd  
Caltex Oil (M) Limited  
Department of Environment  
Department of Occupational Safety and Health Malaysia  
Jabatan Pengangkutan Jalan Malaysia  
Malaysian Automotive Association  
Malaysian Palm Oil Board  
Ministry of Domestic Trade, Co-operatives and Consumerism  
PETRON Malaysia Refining & Marketing Bhd  
PETRONAS Dagangan Berhad  
PETRONAS Fuel Technology  
PETRONAS Group Technical Solutions  
Science and Technology Research Institute for Defence  
Shell Global Solutions Malaysia  
Shell Malaysia Trading Sdn Bhd  
Shell Refining Company (FOM) Berhad  
SIRIM Berhad (Secretariat)  
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Universiti Teknologi Malaysia

#### Co-opted members:

European Union Malaysian Chamber of Commerce and Industry  
Malaysian Biodiesel Association  
PETRON Malaysia Refining & Marketing Bhd (Refinery)

## **Foreword**

This Malaysian Standard was developed by the Technical Committee on Petroleum Fuels under the authority of the Industry Standards Committee on Petroleum and Gas.

MS 123 consists of the following parts, under the general title *Diesel fuel - Specification*:

*Part 1: EURO 2M*

*Part 2: EURO 4M*

Major modification in this revision is as follows:

- a) provision is made for a maximum of 7 % (v/v) of palm methyl ester (PME) to be included in diesel fuel.

During the development of this standard, it is noted that specifications as recommended by ASEAN Automotive Federation cannot be fully adopted at this point of time.

This Malaysian Standard cancels and replaces MS 123-1:2005, Amd.1:2010 and Amd. 2:2012, *Diesel fuel - Specification - Part 1: EURO 2M*.

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.