

Diesel fuel — Assessment of lubricity using the high-frequency reciprocating rig (HFRR) —

Part 2: Limit

ICS 75.160.20

National foreword

This British Standard was published by BSI. It is the UK implementation of ISO 12156-2:2007. It supersedes BS ISO 12156-2:1998 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MCE/22, Engines for road vehicles.

A list of organizations represented on this committee can be obtained on request to its secretary.

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**Diesel fuel — Assessment of lubricity
using the high-frequency reciprocating
rig (HFRR) —**

**Part 2:
Limit**

*Carburant diesel — Évaluation du pouvoir lubrifiant au banc alternatif
à haute fréquence (HFRR) —*

Partie 2: Limite



Reference number
ISO 12156-2:2007(E)

Foreword

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ISO 12156-2 was prepared by a joint working group of Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 7, *Injection equipment and filters for use on road vehicles* and ISO/TC 28, *Petroleum products and lubricants*.

This second edition cancels and replaces the first edition (ISO 12156-2:1998), which has been technically revised.

ISO 12156 consists of the following parts, under the general title *Diesel fuel — Assessment of lubricity using the high-frequency reciprocating rig (HFRR)*:

- *Part 1: Test method*
- *Part 2: Limit*

Diesel fuel — Assessment of lubricity using the high-frequency reciprocating rig (HFRR) —

Part 2: Limit

1 Scope

This part of ISO 12156 specifies the performance requirement (limit) necessary to ensure reliable operation of diesel fuel injection equipment with respect to lubrication by fuel of such equipment.

It applies to fuels used in diesel engines.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 12156-1, *Diesel fuel — Assessment of lubricity using the high-frequency reciprocating rig (HFRR) — Part 1: Test method*

3 Test method

The test method for the assessment of diesel fuel lubricity to comply with the limit specified in this part of ISO 12156 shall be the method specified in ISO 12156-1.

4 Limit

The performance requirement (limit) for diesel fuel in compliance with this part of ISO 12156 shall be a wear scar diameter corrected to a standardized water vapour pressure of 1,4 kPa (WS1,4) not greater than 460 µm.

5 Designation

This part of ISO 12156 may be used to specify a lubricity requirement for a fuel for use in a diesel engine. This requirement shall be designated as follows:

Lubricity ISO 12156-2

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