DIN EN ISO 24966:2026-08 (E)

Determination of flash point - Modified continuously closed cup flash point (MCCCFP) method (ISO 24966:2026)

Contents

Page

Foreword ... **iv**

Introduction ... **v**

1 Scope ... **1**

2 Normative references ... **1**

3 Terms and definitions ... **1**

4 Principle ... **2**

5 Reagents and materials ... **2**

6 Apparatus ... **2**

7 Apparatus preparation ... **2**
7.1 General ... 2
7.2 Location of the apparatus ... 2
7.3 Cleaning the test chamber and sample cup ... 2
7.4 Apparatus assembly ... 3
7.5 Apparatus verification ... 3

8 Sampling ... **3**

9 Sample handling ... **4**
9.1 Sub-sampling ... 4
9.2 Sample containing undissolved water ... 4
9.3 Samples that are liquid at ambient temperature ... 4
9.4 Samples that are very viscous, semi-solid or solid at ambient temperature ... 4

10 Procedure ... **4**
10.1 General preparations ... 4
10.1.1 Settings ... 4
10.1.2 Dry cup heating procedure ... 5
10.1.3 Selection of initial temperature ... 5
10.2 Flash point test procedure ... 5

11 Calculation ... **6**
11.1 Conversion of barometric pressure reading ... 6
11.2 Correction of detected flash point to flash point at standard atmospheric pressure ... 6

12 Expression of results ... **7**

13 Precision ... **7**
13.1 General ... 7
13.2 Repeatability, *r* ... 7
13.3 Reproducibility, *R* ... 7

14 Test report ... **7**

Annex A (normative) **Apparatus verification using reference materials** ... **9**

Annex B (normative) **Flash point apparatus** ... **12**

Bibliography ... **16**