



OK *Lorenz*

| Methode                                                                                                                                                                                                                 | Norm            | Ausgabe             | Einführung am |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------|---------------|
| Flugturbinenkraftstoff: Standard Test Method for Gum Content in Fuels by Jet Evaporation                                                                                                                                | ASTM D381       | 2025                | 07.07.2025    |
| Flugturbinenkraftstoff: Standard Test Method for Hydrocarbon Types in Liquid Petroleum Products by Fluorescent Indicator Adsorption                                                                                     | ASTM D1319      | 2020a               | 01.12.2020    |
| Flugturbinenkraftstoff: Standard Test Method for Determination of Aromatic Hydrocarbon Types in Aviation Fuels and Petroleum Distillates -High Performance Liquid Chromatography Method with Refractive Index Detection | ASTM D6379      | 2021e1              | 07.06.2022    |
| Flugturbinenkraftstoff: Standard Test Method for Measurement of Lubricity of Aviation Turbine Fuels by the Ball-on-Cylinder Lubricity Evaluator (BOCLE)                                                                 | ASTM D5001      | 2025                | 07.07.2025    |
| Dieselmkraftstoffe: Mineralölerzeugnisse - Bestimmung des Destillationsverlaufes bei Atmosphärendruck                                                                                                                   | DIN EN ISO 3405 | 2019 Sep.           | 01.12.2020    |
| Flugturbinenkraftstoff: Standard Test Method for Distillation of Petroleum Products at Atmospheric Pressure                                                                                                             | ASTM D86        | 2023ae <sup>2</sup> | 07.07.2025    |
| Flugturbinenkraftstoff; Dieselmkraftstoffe: Standard Test Method for Density, Relative Density, and API Gravity of Liquids by Digital Density Meter                                                                     | ASTM D4052      | 2022                | 15.12.2022    |
| Flugturbinenkraftstoff: Determination of fatty acid methyl esters (FAME), derived from bio-diesel fuel, in aviation turbine fuel GC-MS with selective ion monitoring/scan detection method                              | IP 585          | 2021                | 10.11.2022    |
| Flugturbinenkraftstoff: Determination of flash Points - Abel closed cup method                                                                                                                                          | IP 170          | 2023                | 19.12.2023    |
| Dieselmkraftstoffe: Standard Test Methods for Flash Point by Pensky-Martens Closed Cup Tester                                                                                                                           | ASTM D93        | 2025                | 07.07.2025    |
| Flugturbinenkraftstoff: Standard Test Method for Measurement of Fuel System Icing Inhibitors (Ether Type) in Aviation Fuels                                                                                             | ASTM D5006      | 2025                | 07.07.2025    |
| Flugturbinenkraftstoff: Standard Test Method for Freezing Point of Aviation Fuels (Automatic Laser Method)                                                                                                              | ASTM D7153      | 2022 ae1            | 19.12.2023    |
| Flugturbinenkraftstoff: Standard Test Method for Freezing Point of Aviation Fuels                                                                                                                                       | ASTM D2386      | 2019                | 01.12.2020    |
| Flugturbinenkraftstoff: Standard Test Method for Determination of Total Sulfur in Light Hydrocarbons, Spark Ignition Engine Fuel, Diesel Engine Fuel, and Engine Oil by Ultra-violet Fluorescence                       | ASTM D5453      | 2024                | 17.12.2024    |

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| Flugturbinenkraftstoffe: Standard Test Method for Estimation of Net Heat of Combustion of Aviation Fuels                                                                           | ASTM D3338/D3338M | 2020a          | 22.12.2021    |
| Flugturbinenkraftstoff: Standard Test Method for Corrosiveness to Copper from Petroleum Products by Copper Strip Test                                                              | ASTM D130         | 2019           | 01.12.2020    |
| Flugturbinenkraftstoff: Standard Test Methods for Electrical Conductivity of Aviation and Distillate Fuels                                                                         | ASTM D2624        | 2024           | 07.07.2025    |
| Flugturbinenkraftstoff: Standard Test Method for (Thiol Mercaptan) Sulfur in Gasoline, Kerosine, Aviation Turbine, and Distillate Fuels (Potentiometric Method)                    | ASTM D3227        | 2024           | 17.12.2024    |
| Flugturbinenkraftstoff: Standard Test Method for Determining Water                                                                                                                 | ASTM D3948        | 2022           | 14.12.2022    |
| Flugturbinenkraftstoff: Standard Test Method for Determining Water Separation Characteristics of Kerosine-Type Aviation Turbine Fuels Containing Additives by Portable Separometer | ASTM D7224        | 2023           | 19.12.2023    |
| Flugturbinenkraftstoff: Standard Test Method for Naphthalene Hydro-carbons in Aviation Turbine Fuels by Ultraviolet Spectrophotometry                                              | ASTM D1840        | 2024           | 07.07.2025    |
| Flugturbinenkraftstoff: Determination of the level of cleanliness of aviation turbine fuel - Portable automatic particle counter method                                            | IP 565            | 2013           | 20.03.2014    |
| Prüfung von Mineralölen - Probenahme (Allgemeines + Flüssige Stoffe)                                                                                                               | DIN 51750 1+2     | 1990 Dez.      | 20.03.2014    |
| Flüssige Mineralölerzeugnisse - Manuelle Probenahme                                                                                                                                | ISO 3170          | 2004 Feb.      | 20.03.2014    |
| Flugturbinenkraftstoff: Standard Test Method for Smoke Point of Kerosine and Aviation Turbine Fuel                                                                                 | ASTM D1322        | 2025           | 07.07.2025    |
| Flugturbinenkraftstoff: Standard Test Method for Acidity in Aviation Turbine Fuel                                                                                                  | ASTM D3242        | 2023           | 17.12.2024    |
| Flugturbinenkraftstoff: Standard Test Method for Color of Petroleum Products by the Automatic Tristimulus Method                                                                   | ASTM D6045        | 2020           | 01.12.2020    |
| Flugturbinenkraftstoff: Standard Test Method for Saybolt Color of Petroleum Products (Saybolt Chromometer Method)                                                                  | ASTM D156         | 2023           | 17.12.2024    |
| Flugturbinenkraftstoff: Standard Test Method for Particulate Contaminant in Aviation Fuel by Line Sampling                                                                         | ASTM D2276        | 2022           | 14.12.2022    |
| Flugturbinenkraftstoff: Standard Test Method for Particulate Contamination in Aviation Fuels by Laboratory Filtration                                                              | ASTM D5452        | 2023           | 19.12.2023    |
| Flugturbinenkraftstoff: Methods for Determination of Filtration Time and Total Solids (Particulate)                                                                                | MIL DTL 83133     | 2025 L Amdt. 1 | 07.07.2025    |
| Flugturbinenkraftstoff: Standard Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels                                                                             | ASTM D3241        | 2024           | 17.12.2024    |

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| Flugturbinenkraftstoff: Standard Test Method for Dynamic Viscosity and Density of Liquids by Stabinger Viscometer (and the Calculation of Kinematic Viscosity)       | ASTM D7042 | 2025    | 07.07.2025    |
| Flugturbinenkraftstoff: Standard Test Method for Determination of Water in Petroleum Products, Lubricating Oils, and Additives by Coulometric Karl Fischer Titration | ASTM D6304 | 2020    | 22.12.2021    |

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