

## ASTM Volume 15.05, August 2025

D8061-21 Standard Practice for Handling, Transportation, and Storage of 2-Bromo-3,3,3-Trifluoro-1-Propene ( $\text{CF}_3\text{CBr}=\text{CH}_2$ )

D7326-21 Standard Practice for Handling, Transportation, and Storage of HFC Blend B ( $\text{CH}_2\text{FCF}_3$ ,  $\text{CHF}_2\text{CF}_3$ , and  $\text{CO}_2$ )

D6127-21 Standard Practice for Handling, Transportation, and Storage of HFC-23 (Trifluoromethane,  $\text{CHF}_3$ )

D6126/D6126M-21 Standard Specification for HFC-23 (Trifluoromethane,  $\text{CHF}_3$ )

D7323-21 Standard Practice for Handling, Transportation, and Storage of IG-100 (Nitrogen)

D7815-21 Standard Practice for Handling, Transportation, and Storage of Halon 1211, Bromochlorodifluoromethane ( $\text{CF}_2\text{BrCl}$ )

D7325-21 Standard Practice for Handling, Transportation, and Storage of IG-541  $\text{N}_2$ , Ar,  $\text{CO}_2$

D7122-21 Standard Specification for HCFC Blend B ( $\text{CF}_3\text{CCl}_2\text{H}$ , Ar, and  $\text{CF}_4$ )

D6065-21 Standard Practice for Handling, Transportation, and Storage of HFC-227ea 1,1,1,2,3,3,3-Heptafluoropropane ( $\text{CF}_3\text{CHF}_2\text{CF}_3$ )

D6541-21 Standard Specification for HFC-236fa, 1,1,1,3,3,3-Hexafluoropropane, ( $\text{CF}_3\text{CH}_2\text{CF}_3$ )

D7327-21 Standard Specification for HFC Blend B ( $\text{CH}_2\text{FCF}_3$ ,  $\text{CHF}_2\text{CF}_3$ , and  $\text{CO}_2$ )

D7123-21 Standard Practice for Handling, Transportation, and Storage of HCFC Blend B ( $\text{CF}_3\text{CCl}_2\text{H}$ , Ar, and  $\text{CF}_4$ )

D6268-21 Standard Practice for Handling, Transportation, and Storage of HFC-125, Pentafluoroethane (C<sub>2</sub>HF<sub>5</sub>)

D6231/D6231M-21 Standard Specification for HFC-125 (Pentafluoroethane, C<sub>2</sub>HF<sub>5</sub>)

D8060-21 Standard Specification for 2-Bromo-3,3,3-Trifluoro-1-Propene (CF<sub>3</sub>CBr=CH<sub>2</sub>)

D6427-21 Standard Practice for Handling, Transportation, and Storage of HFC-236fa, 1,1,1,3,3,3-Hexafluoropropane (CF<sub>3</sub>CH<sub>2</sub>CF<sub>3</sub>)

D7324-21 Standard Practice for Handling, Transportation, and Storage of IG-55 Ar N<sub>2</sub>

D7673/D7673M-21 Standard Specification for Halon 1211, Bromochlorodifluoromethane (CF<sub>2</sub>BrCl)

D5631-21 Standard Practice for Handling, Transportation, and Storage of Halon 1301, Bromotrifluoromethane (CF<sub>3</sub>Br)

D3147-21 Standard Test Method for Testing Stop-Leak Additives for Engine Coolants

D5752-10(2017) Standard Specification for Supplemental Coolant Additives (SCAs) for Use in Precharging Coolants for Heavy-Duty Engines

D1882-17(2021) Standard Test Method for Effect of Cooling System Chemical Solutions on Organic Finishes for Automotive Vehicles

D7637-10(2021) Standard Test Method for Determination of Glycerin Assay by Titration (Sodium Meta Periodate)

D6129-97(2021) Standard Test Method for Silicon in Engine Coolant Concentrates by Atomic Absorption Spectroscopy

D7638-10(2021) Standard Test Method for Determination of Fatty Acids and Esters in Glycerin

D7714-11(2021) Standard Specification for Glycerin Base Engine Coolant for Automobile and Light-Duty Service

D7640-16(2021) Standard Specification for Engine Coolant Grade Glycerin

D7715-12(2021) Standard Specification for Fully-Formulated Glycerin Base Engine Coolant for Heavy-Duty Engines

D6210-17 Standard Specification for Fully-Formulated Glycol Base Engine Coolant for Heavy-Duty Engines

D7821-12(2018) Standard Test Method for Field Test Determination of Urea Concentration in Diesel Exhaust Fluid (DEF)

D1287-11(2020) Standard Test Method for pH of Engine Coolants and Antirusts

D7517-19 Standard Specification for Fully-Formulated 1,3 Propanediol (PDO) Base Engine Coolant for Heavy-Duty Engines

D7896-19 Standard Test Method for Thermal Conductivity, Thermal Diffusivity, and Volumetric Heat Capacity of Engine Coolants and Related Fluids by Transient Hot Wire Liquid Thermal Conductivity Method

D4340-19 Standard Test Method for Corrosion of Cast Aluminum Alloys in Engine Coolants Under Heat-Rejecting Conditions

D1176-14(2019) Standard Practice for Sampling and Preparing Aqueous Solutions of Engine Coolants or Antirusts for Testing Purposes

D2108-10(2020) Standard Test Method for Color of Halogenated Organic Solvents and Their Admixtures (Platinum-Cobalt Scale)

D1121-11(2020) Standard Test Method for Reserve Alkalinity of Engine Coolants and Antirusts

D2251-10(2020) Standard Test Method for Metal Corrosion by Halogenated Organic Solvents and Their Admixtures

D3444-00(2020) Standard Test Method for Total Acid Number of Trichlorotrifluoroethane

D3443-00(2020) Standard Test Method for Chloride in Trichlorotrifluoroethane

D4276-02(2020) Standard Practice for Confined Area Entry

D4080-15(2020) Standard Specification for Trichloroethylene, Technical and Vapor-Degreasing Grade

D4494-95(2020) Standard Test Method for Detecting Residual Odor of Drycleaning Grade Perchloroethylene

D4376-15(2020) Standard Specification for Vapor-Degreasing Grade Perchloroethylene

D4701-00(2020) Standard Specification for Technical Grade Methylene Chloride

D5396-04(2020) Standard Specification for Reclaimed Perchloroethylene

D6208-07(2020) Standard Test Method for Repassivation Potential of Aluminum and Its Alloys by Galvanostatic Measurement

D4921-20 Standard Test Method for Foaming Tendencies of Engine Coolants at Room Temperature

D1901-10(2020) Standard Test Method for Relative Evaporation Time of Halogenated Organic Solvents and Their Admixtures

D2111-10(2020) Standard Test Methods for Specific Gravity and Density of Halogenated Organic Solvents and Their Admixtures

D2988-96(2020) Standard Test Methods for Water-Soluble Halide Ion in Halogenated Organic Solvents and Their Admixtures

D3698-04(2020) Standard Practice for Solvent Vapor Degreasing Operations

D3448-10(2020) Standard Test Method for Specific Aqueous Conductance of Trichlorotrifluoroethane

D4755-95(2020) Standard Test Method for Free Halogens in Halogenated Organic Solvents and Their Admixtures

D3741-00(2020) Standard Test Methods for Appearance of Admixtures Containing Halogenated Organic Solvents

D4995-10(2020) Standard Specification for Electronic and Degreasing Grades of 1,1,2-Trichloro 1,2,2-Trifluoroethane Solvent

D6361/D6361M-98(2020) Standard Guide for Selecting Cleaning Agents and Processes

D5248-04(2020) Standard Specification for Reclaimed 1,1,2-Trichloro 1,2,2-Trifluoroethane

D7518-20 Standard Specification for 1,3 Propanediol (PDO) Base Engine Coolant for Automobile and Light-Duty Service

D5931-20 Standard Test Method for Density and Relative Density of Engine Coolant Concentrates and Aqueous Engine Coolants by Digital Density Meter

D7509-09(2021) Standard Specification for Fluorocarbon Feedstock Grade Chloroform

D3306-21 Standard Specification for Glycol Base Engine Coolant for Automobile and Light-Duty Service

D3634-21 Standard Test Method for Trace Chloride Ion in Engine Coolants

D2809-21 Standard Test Method for Cavitation Corrosion and Erosion-Corrosion Characteristics of Aluminum Pumps With Engine Coolants

D1119-22 Standard Test Method for Percent Ash Content of Engine Coolants

D5616-04(2022) Standard Specification for Reclaimed Trichloroethylene

D6505-00(2022) Standard Test Method for Assay of normal-Propyl Bromide Content

D2106-07(2022) Standard Test Methods for Determination of Amine Acid Acceptance (Alkalinity) of Halogenated Organic Solvents

D6806-02(2022) Standard Practice for Analysis of Halogenated Organic Solvents and Their Admixtures by Gas Chromatography

D2110-00(2022) Standard Test Method for pH of Water Extractions of Halogenated Organic Solvents and Their Admixtures

D2109-01(2022) Standard Test Methods for Nonvolatile Matter in Halogenated Organic Solvents and Their Admixtures

D2989-01(2022) Standard Test Method for Acidity-Alkalinity of Halogenated Organic Solvents and Their Admixtures

D3316-06(2022) Standard Test Method for Stability of Perchloroethylene with Copper

D3401-97(2022) Standard Test Methods for Water in Halogenated Organic Solvents and Their Admixtures

D4079-00(2022) Standard Specification for Vapor-Degreasing Grade Methylene Chloride

D5827-22 Standard Test Method for Analysis of Engine Coolant for Chloride and Other Anions by Ion Chromatography

D2847-22 Standard Practice for Testing Engine Coolants in Car and Light Truck Service

D7933-22 Standard Test Method for Engine Coolant Stagnation in Flux-Brazed Aluminum Heat Exchangers

D1120-22 Standard Test Method for Boiling Point of Engine Coolants

D1177-22 Standard Test Method for Freezing Point of Aqueous Engine Coolants

D1122-22 Standard Test Method for Relative Density of Engine Coolant Concentrates and Engine Coolants By The Hydrometer

D1123-22a Standard Test Methods for Water in Engine Coolant Concentrate by the Karl Fischer Reagent Method

D7304-22a Standard Test Method for Determination of Denatonium Benzoate in Engine Coolant by HPLC

D5632/D5632M-17(2022) Standard Specification for Halon 1301, Bromotrifluoromethane (CF<sub>3</sub>Br)

D6064-11(2022) Standard Specification for HFC-227ea, 1,1,1,2,3,3,3-Heptafluoropropane (CF<sub>3</sub>CHF<sub>2</sub>CF<sub>3</sub>)

D7388-23 Standard Specification for Engine Coolant Grade 1,3-Propanediol (PDO)

E1177-23 Standard Specification for Engine Coolant Grade Glycol

D8485-23 Standard Test Method for Corrosion Test for Electric Vehicle Coolants in Glassware

D2942-02(2023) Standard Test Method for Total Acid Acceptance of Halogenated Organic Solvents (Nonreflux Methods)

D4579-00(2023) Standard Practice for Handling an Acid Degreaser or Still

D4081-16(2023) Standard Specification for Drycleaning-Grade Perchloroethylene

D5395-03(2023) Standard Specification for Reclaimed Methylene Chloride

D5960-03(2023) Standard Specification for Technical Grade Ethylene Dichloride

D6368-06(2023) Standard Specification for Vapor-Degreasing Solvents Based on normal-Propyl Bromide and Technical Grade normal-Propyl Bromide

D3321-19(2023) Standard Test Method for Use of the Refractometer for Field Test Determination of the Freezing Point of Aqueous Engine Coolants

D4725-15(2023) Standard Terminology for Engine Coolants and Related Fluids

D4985-10(2023) Standard Specification for Low Silicate Ethylene Glycol Base Engine Coolant for Heavy Duty Engines Requiring a Pre-Charge of Supplemental Coolant Additive (SCA)

D5828-97(2023) Standard Test Method for Compatibility of Supplemental Coolant Additives (SCAs) and Engine Coolant Concentrates

D6660-01(2023) Standard Test Method for Freezing Point of Aqueous Ethylene Glycol Base Engine Coolants by Automatic Phase Transition Method

D7515-19(2023) Standard Test Method for Purity of 1,3-Propanediol (Gas Chromatographic Method)

D7583-16(2023) Standard Test Method for John Deere Coolant Cavitation Test

D8039-16(2023) Standard Specification for Heat Transfer Fluids (HTF) for Heating and Air Conditioning (HVAC) Systems

D8040-18(2023) Standard Test Method for Corrosion Test for Heat Transfer Fluids in Glassware

D7713-18(2023) Standard Specification for Aqueous Engine Coolant Grade Glycol (53 % by Volume Nominal)

D6107-97(2023) Standard Specification for Stop-Leak Additive for Engine Coolants Used in Light Duty Service

D7437-23 Standard Test Method for Temperature and Hard Water Stability of Engine Coolants

D8520/D8520M-23 Standard Specification for Iodotrifluoromethane (CF<sub>3</sub>I)

D8528-24 Standard Test Method for Determination of Fluoride and Glycol Degradation Products in Engine Coolants by Ion Chromatography

D1384-24 Standard Test Method for Corrosion Test for Engine Coolants in Glassware

D7820-19(2024) Standard Test Method for Engine Coolant Corrosion Protection Under Accelerated Thermal and Oxidizing Conditions Using a Rotating Pressure Vessel

D3585-24 Standard Specification for ASTM Reference Fluid for Coolant Tests

D8567-24 Standard Test Method for Analysis of Engine Coolant for Organic Additives by High Performance Liquid Chromatograph

D7736-19a(2023) Standard Test Method for Determination of Acids and Glycol Esters in Glycols

D8565-24 Standard Specification for Glycol-Based Coolants for Fuel Cell Electric Vehicles

D8566-24 Standard Specification for Glycol-Based Electric Vehicle Coolant with Low Electrical Conductivity

D1881-24 Standard Test Method for Foaming Tendencies of Engine Coolants in Glassware

D6130-24 Standard Test Method for Determination of Silicon and Other Elements in Engine Coolant by Inductively Coupled Plasma-Atomic Emission Spectroscopy

D8034/D8034M-24 Standard Test Method for Simulated Service Corrosion Testing of Non-Aqueous Engine Coolants

D7716-11a(2024) Standard Test Method for Determination of Residual Methanol in Glycerin by Gas Chromatography

D2570-24 Standard Test Method for Simulated Service Corrosion Testing of Engine Coolants

D8085-24 Standard Specification for Non-Aqueous Engine Coolant for Automobile and Light-Duty Service

D7840-24 Standard Test Method for Foaming Tendencies of Non-Aqueous Engine Coolants in Glassware

D7935-24 Standard Test Method for Corrosion Test for Non-Aqueous Engine Coolants in Glassware