



toll-free: 1-888-885-1900

NEW & USED LABORATORY EQUIPMENT

## ASTM TEST METHOD EQUIPMENT GUIDE

For methods not shown, [click to email ask@labequip.com](mailto:ask@labequip.com) or call toll-free: 1-888-885-1900

ASTM Standard	Test method for	Instruments offered
D5	Penetration of Bituminous Materials	<a href="#">See Penetrometers</a> For penetrometer accessories, such as cones or needles, <a href="#">click to email ask@labequip.com</a> or call toll-free: 1-888-885-1900
D6	Loss on Heating of Oil & Asphaltic Compounds	<a href="#">See Asphalt Ovens</a>
D36	Softening Point of Bitumen	<a href="#">See Softening Point Apparatus</a>
D56	Flash Point by Tag Closed Tester	<a href="#">See Closed Cup Tag Flash Point Testers</a>
D86	Distillation of Petroleum Products at Atmospheric Pressure	<a href="#">See D86 Distillation Testers</a>
D88	Saybolt Viscosity	<a href="#">See Saybolt Viscosity Baths</a>
D91	Precipitation Number of Lubricating Oils	<a href="#">See Oil Test Centrifuges for D91</a>
D92	Flash and Fire Points by Cleveland Open Cup Tester	<a href="#">See Cleveland Open Cup Flash Point Testers</a>
D93	Flash Point by Pensky-Martens Closed Cup Tester	<a href="#">See Pensky Martens Closed Cup Flash Point Testers</a>
D95	Water in Petroleum Products and Bituminous Materials by Distillation	<a href="#">See Dean and Stark Moisture Testers</a>
D96	Water and Sediment in Crude Oil by Centrifuge Method	<a href="#">See D96 Oil Test Centrifuges</a>
D97	Pour Point of Petroleum Products	<a href="#">See (Cloud and) Pour Point Testers</a>
D113	Ductility of Bituminous Materials	<a href="#">See Ductility Testers</a>
D130	Copper Strip Corrosion by Petroleum Products	<a href="#">See Copper Strip Corrosion Testers</a>
D156	Saybolt Color of Petroleum Products	<a href="#">See Saybolt Colorimeters</a>
D189	Conradson Carbon Residue of Petroleum Products	<a href="#">See Conradson Carbon Residue Testers</a>
D216	Distillation of Natural Gasoline	<a href="#">See D216 Distillation Testers</a>
D217	Cone Penetration of Lubricating Grease	<a href="#">See Grease Workers' - See Penetrometers</a> <a href="#">See all Penetration Testers</a>
D233	Test Methods of Sampling and Testing Turpentine	<a href="#">See D233 Distillation Testers</a>
D240	Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter	<a href="#">See Bomb Calorimeters</a>
D244	Test Methods and Practices for Emulsified Asphalts	<a href="#">See Residue &amp; Oil Distillate Determination Apparatus</a> <a href="#">See Dean &amp; Stark Moisture Testers</a> <a href="#">See Saybolt Viscosity Baths</a> <a href="#">See all equipment for testing Emulsified Asphalts</a>
D270	Methods of Sampling Petroleum and Petroleum Products	For pricing on sample thieves (bacon bombs) and other petroleum and LP gas samplers, <a href="#">click to email ask@labequip.com</a> or call toll-free: 1-888-885-1900
D285	Distillation of Crude Petroleum	<a href="#">See D285 distillation testers</a>
D323	Vapor Pressure of Petroleum Products (Reid Method)	<a href="#">See Reid Vapor Pressure Testing Equipment</a>
D370	Dehydration of Oil-Type Preservatives (needs different glassware - inquire)	<a href="#">See Moisture Testers for D370 (requires different glassware than regular set-up)</a>
D381	Gum Content in Fuels by Jet Evaporation	<a href="#">See Existing Gum Evaporation Baths</a>
D445	Kinematic Viscosity of Transparent and Opaque Liquids	<a href="#">See Kinematic Viscosity Baths</a>
D447	Distillation of Plant Spray Oils	<a href="#">See D447 Distillation Testers</a>
D473	Sediment in Crude Oils and Fuel Oils by the Extraction Method	<a href="#">See Sediment Extraction Apparatus</a>
D482	Ash from Petroleum Products	<a href="#">See Furnaces</a>
D523	Specular reflection gloss of a surface	<a href="#">See Glossmeters</a>
D524	Ramsbottom Carbon Residue of Petroleum Products	<a href="#">See Carbon Residue Testers</a>
D525	Oxidation Stability of Gasoline	<a href="#">See Oxidation Baths</a>
D566	Dropping Point of Lubricating Grease	<a href="#">See Dropping Point Testers</a>
D589	Opacity of Paper	<a href="#">See Opacity Gloss meter</a>
D611	Aniline Point and Mixed Aniline Point of Petroleum Products and Hydrocarbon Solvents	<a href="#">See Aniline Point Testers</a>
D613	Cetane Number of Diesel Fuel Oil , cetane number, diesel performance, ignition delay	<a href="#">See Octane Analyzer for Unleaded Gasoline and Ethanol Blended Fuels</a>
D664	Acid Number of Petroleum Products by Potentiometric Titration	<a href="#">See Total Acid Number Titrators</a>
D665	Evaluation of Aging Resistance of Pre-stressed Prepainted Metal in a Boiling Water Test	<a href="#">See Rust Preventing Characteristics Baths</a>
D721	Oil Content of Petroleum Waxes	<a href="#">See Oil-Solvent Extractables Content Apparatus</a>
D848	Acid Wash Color of Industrial Aromatic Hydrocarbons	<a href="#">See Color Spectrophotometers</a>
D850	Distillation of Industrial Aromatic Hydrocarbons and Related Materials	<a href="#">See D850 Distillation Testers</a>
D873	Oxidation Stability of Aviation Fuels (Potential Residue Method)	<a href="#">See Oxidation Baths</a>
D874	Sulfated Ash from Lubricating Oils and Additives	<a href="#">See Furnaces</a>
D877	Dielectric Breakdown Voltage of Insulating Liquids	<a href="#">See Dielectric Strength Testers</a>
D892	Foaming Characteristics of Lubricating Oils	<a href="#">See Foaming Characteristics Apparatus</a>
D893	Insolubles in Used Lubricating Oils	<a href="#">See D893 Oil Test Centrifuges</a>
D937	Cone Penetration of Petrolatum	<a href="#">See Penetrometers</a>
D942	Oxidation Stability of Lubricating Greases by the Oxygen Pressure Vessel Method	<a href="#">See Oxidation Stability Testers for Lubricating Greases</a>
D943	Oxidation Characteristics of Inhibited Mineral Oils	<a href="#">See Oxidation Stability Testers for Inhibited Mineral Oils</a>
D972	Evaporation Loss of Lubricating Greases and Oils	<a href="#">See Evaporation Loss Test Apparatus</a>

For methods not shown, [click to email ask@labequip.com](mailto:ask@labequip.com) or call toll-free: 1-888-885-1900

D1078	Distillation Range of Volatile Organic Liquids	<a href="#">See D1078 Distillation Apparatus</a>
D1092	Measuring Apparent Viscosity of Lubricating Greases	<a href="#">See Pressure Viscometers</a>
D1142	Water Vapor Content of Gaseous Fuels by Measurement of Dew-Point Temperature	<a href="#">See Dew Point Apparatus</a>
D1160	Distillation of Petroleum Products at Reduced Pressure	<a href="#">See vacuum distillation apparatus</a>

<a href="#">D1177</a>	Freezing Point of Aqueous Engine Coolants	<a href="#">See Freezing Point Apparatus</a>
<a href="#">D1209</a>	Color of Clear Liquids (Platinum-Cobalt Scale)	<a href="#">See Color Spectrophotometers for Hazen Color</a>
<a href="#">D1218</a>	Refractive Dispersion of Hydrocarbon Liquids	<a href="#">See Automatic Refractometers</a>
<a href="#">D1250</a>	Equation-based density and volume correction	<a href="#">See Density Meters</a>
<a href="#">D1263</a>	Leakage Tendencies of Automotive Wheel Bearing Greases	<a href="#">See Grease Leakage Tendencies Tester</a>
<a href="#">D1264</a>	Determining the Water Washout Characteristics of Lubricating Greases	<a href="#">See Water Washout Tester</a>
D1265	Sampling Liquefied Petroleum (LP) Gases (Manual Method)	For pricing on sample thieves (bacon bombs) and other petroleum and LP gas samplers, <a href="#">click to email</a> ask@labequip.com or call toll-free: 1-888-885-1900
<a href="#">D1267</a>	Gage Vapor Pressure of Liquefied Petroleum (LP) Gases	<a href="#">See Reid Vapor Pressure Testers for ASTM D1267</a>
<a href="#">D1298</a>	Density, Relative Density, or API Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Method	<a href="#">See Hydrometer Bath and Oxidation Bath (requires additional racks for D1298)</a>
<a href="#">D1310</a>	Flash Point and Fire Point of Liquids by Tag Open-Cup Apparatus	<a href="#">See Open Cup Tag Flash Point Testers</a>
<a href="#">D1319</a>	Hydrocarbon Types in Liquid Petroleum Products by Fluorescent Indicator Adsorption	<a href="#">See Fluorescent Indicator Adsorption Apparatus (FIA)</a>
<a href="#">D1321</a>	Needle Penetration of Petroleum Waxes, hardness, needle penetration	<a href="#">See Penetrometers</a> For penetrometer accessories, such as cones or needles, <a href="#">click to email</a> ask@labequip.com or call toll-free: 1-888-885-1900
<a href="#">D1322</a>	Smoke Point of Kerosine and Aviation Turbine Fuel	<a href="#">See Smoke Point Lamps</a>
<a href="#">D1401</a>	Water Separability of Petroleum Oils and Synthetic Fluids	<a href="#">See Water Separability Testers</a>
<a href="#">D1403</a>	Cone Penetration of Lubricating Grease Using One-Quarter and One-Half Scale Cone Equipment	<a href="#">See Penetrometers</a> For penetrometer accessories, such as cones or needles, <a href="#">click to email</a> ask@labequip.com or call toll-free: 1-888-885-1900
<a href="#">D1404</a>	Estimation of Deleterious Particles in Lubricating Grease	<a href="#">See Deleterious Particles Determination Apparatus</a>
<a href="#">D1465</a>	Blocking and Picking Points of Petroleum Wax	<a href="#">See Blocking and Picking apparatus</a>
<a href="#">D1478</a>	Low-Temperature Torque of Ball Bearing Grease	<a href="#">See Torque Test Apparatus for Ball Bearing Greases</a>
<a href="#">D1500</a>	ASTM Color of Petroleum Products (ASTM Color Scale)	<a href="#">See Colorimeters for ASTM D1500</a>
<a href="#">D1524</a>	ASTM Color of Petroleum Products (ASTM Color Scale)	<a href="#">See Oil Comparators</a>
<a href="#">D1533</a>	Water in Insulating Liquids by Coulometric Karl Fischer Titration	<a href="#">See Coulometric Karl Fischer Titrators</a>
<a href="#">D1544</a>	Color of Transparent Liquids (Gardner Color Scale)	<a href="#">See Colorimeters for Gardner Color</a>
<a href="#">D1655</a>	Aviation Turbine Fuels	<a href="#">See Freezing Point Apparatus</a>
<a href="#">D1657</a>	Density or Relative Density of Light Hydrocarbons by Pressure Hydrometer	<a href="#">See Pressure Hydrometers and Baths</a>
<a href="#">D1742</a>	Oil Separation from Lubricating Grease During Storage	<a href="#">See Oil Separation Apparatus</a>
<a href="#">D1743</a>	Determining Corrosion Preventive Properties of Lubricating Greases	<a href="#">See apparatus for testing Corrosion Preventive Properties</a>
<a href="#">D1747</a>	Refractive Index of Viscous Materials	<a href="#">See automatic refractometers</a>
<a href="#">D1748</a>	Rust Protection by Metal Preservatives in the Humidity Cabinet	<a href="#">See Humidity Cabinet for Testing Rust Protection</a>
<a href="#">D1754</a>	Effect of Heat and Air on Asphaltic Materials (Thin-Film Oven Test)	<a href="#">See Thin Film Oven</a>
<a href="#">D1796</a>	Water and Sediment in Fuel Oils by the Centrifuge Method	<a href="#">See Oil Test Centrifuges for D1796</a>
<a href="#">D1816</a>	Dielectric Breakdown Voltage of Insulating Liquids	<a href="#">See Dielectric Strength Testers</a>
<a href="#">D1831</a>	Roll Stability of Lubricating Grease	<a href="#">See Roll Stability Testers</a>
<a href="#">D1837</a>	Volatility of Liquefied Petroleum (LP) Gases Volatility of Liquefied Petroleum (LP) Gases	<a href="#">See Cooling Vessel for Determining Residues in LP Gasses</a>
<a href="#">D1838</a>	Copper Strip Corrosion by Liquefied Petroleum (LP) Gases	<a href="#">See Copper-Strip Test Bath For LPG</a>
<a href="#">D1925</a>	Yellowness Index of Plastics	<a href="#">See Colorimeter for Testing ASTM D1925</a>
<a href="#">D1989</a>	Gross Calorific Value of Coal and Coke by Microprocessor Controlled Isoperibol Calorimeter	<a href="#">See calorimeters</a>

**For methods not shown, [click to email](#) ask@labequip.com or call toll-free: 1-888-885-1900**

<a href="#">D2068</a>	Determining Filter Blocking Tendency	<a href="#">See Filter Plugging Tendency Analyzer (FPT)</a>
<a href="#">D2112</a>	Oxidation Stability of Inhibited Mineral Insulating Oil by Pressure Vessel	<a href="#">See Oxidation Stability Testers</a>
<a href="#">D2158</a>	Residues in Liquefied Petroleum (LP) Gases	<a href="#">See Cooling Vessel for Determining Residues in LP Gasses</a>
<a href="#">D2170</a>	Kinematic Viscosity of Asphalts (Bitumens)	<a href="#">See Kinematic Viscosity Baths</a>
<a href="#">D2244</a>	Calculation of Color Tolerances and Color Differences from Color Coordinates	<a href="#">See Color Spectrophotometers</a>
<a href="#">D2265</a>	Dropping Point of Lubricating Grease Over Wide Temperature Range	<a href="#">See Dropping Point Apparatus</a>
<a href="#">D2266</a>	Wear Preventive Characteristics of Lubricating Grease (Four-Ball Method)	<a href="#">See Friction and Wear Characteristics</a>
<a href="#">D2272</a>	Oxidation Stability of Steam Turbine Oils by Rotating Pressure Vessel	<a href="#">See RPVOT (RBOT) Oxidation Stability Tester</a>
<a href="#">D2273</a>	Trace Sediment in Lubricating Oils	<a href="#">See Oil Test Centrifuges for D2273</a>
<a href="#">D2274</a>	Oxidation Stability of Distillate Fuel Oil (Accelerated Method)	<a href="#">See Oxidation Stability Testers</a>
<a href="#">D2384</a>	Traces of Volatile Chlorides in Butane-Butene Mixtures	<a href="#">See Wickbold Combustion Apparatus</a>
<a href="#">D2386</a>	Freezing Point of Aviation Fuels	<a href="#">See Freezing Point Apparatus</a>
<a href="#">D2440</a>	Oxidation Stability of Mineral Insulating Oil	<a href="#">See Oxidation Stability Testers for Inhibited Mineral oOils</a>
<a href="#">D2457</a>	Specular Gloss of Plastic Films and Solid Plastics	<a href="#">See Glossmeters</a>
<a href="#">D2500</a>	Cloud Point of Petroleum Products	<a href="#">See Cloud and Pour Point Testers</a>
<a href="#">D2509</a>	Measurement of Load-Carrying Capacity of Lubricating Grease (Timken Method)	<a href="#">See Timken Tester</a>
<a href="#">D2532</a>	Viscosity and Viscosity Change After Standing at Low Temperature of Aircraft Turbine Lubricant	<a href="#">See Low Temperature Viscosity Baths</a>
<a href="#">D2547</a>	Content of Lead & Salt by Extraction	<a href="#">See Lead, Acid or Salt Content Extraction System</a>
<a href="#">D2595</a>	Evaporation Loss of Lubricating Greases Over Wide-Temperature Range	<a href="#">See Evaporation Loss Test Apparatus</a>
<a href="#">D2596</a>	Measurement of Extreme-Pressure Properties of Lubricating Grease (Four-Ball Method)	<a href="#">See Four Ball Wear Tester</a>
<a href="#">D2625</a>	Endurance (Wear) Life and Load-Carrying Capacity of Solid Film Lubricants (Falex Pin and Vee Method)	<a href="#">See Pin and Vee Block Tester</a>
<a href="#">D2670</a>	Measuring Wear Properties of Fluid Lubricants (Falex Pin and Vee Block Method)	<a href="#">See Pin and Vee Block Tester</a>
<a href="#">D2699</a>	Research Octane Number of Spark-Ignition Engine Fuel	<a href="#">See Octane Analyzers</a>
<a href="#">D2700</a>	Motor Octane Number of Spark-Ignition Engine Fuel	<a href="#">See Octane Analyzers</a>
<a href="#">D2709</a>	Water and Sediment in Middle Distillate Fuels by Centrifuge	<a href="#">See Oil Test Centrifuges for D2709</a>
<a href="#">D2711</a>	Demulsibility Characteristics of Lubricating Oil	<a href="#">See Demulsibility Testers and Oil Test Centrifuge for D2711</a>
<a href="#">D2747</a>	Test for Trace Quantities of Total Sulfur in Volatile Organic Liquids	<a href="#">See Wickbold Combustion Apparatus</a>
<a href="#">D2782</a>	Measurement of Extreme-Pressure Properties of Lubricating Fluids	<a href="#">See Timken tester</a>
<a href="#">D2783</a>	Measurement of Extreme-Pressure Properties of Lubricating Fluids (Four-Ball Method)	<a href="#">See Four Ball Wear Tester</a>
<a href="#">D2784</a>	Sulfur in Liquefied Petroleum Gases (Oxy-Hydrogen Burner or Lamp)	<a href="#">See Wickbold Combustion Apparatus</a>

<a href="#">D2785</a>	Trace Quantities of Total Sulfur	<a href="#">See Wickbold Combustion Apparatus</a>
<a href="#">D2805</a>	Hiding Power of Paints by Reflectometry	<a href="#">See Reflectometer/Opacity meter</a>
<a href="#">D2872</a>	Effect of Heat and Air on a Moving Film of Asphalt (Rolling Thin-Film Oven Test)	<a href="#">See Asphalt Ovens</a>
<a href="#">D2878</a>	Estimating Apparent Vapor Pressures and Molecular Weights of Lubricating Oils	<a href="#">See Evaporation Loss testers</a>
<a href="#">D2884</a>	Yield Stress of Heterogeneous Propellants by Cone Penetration Method	<a href="#">See Penetrometers</a> For penetrometer accessories, such as cones or needles, <a href="#">click to email</a> ask@labequip.com or call toll-free: 1-888-885-1900
<a href="#">D2892</a>	Distillation of Crude Petroleum	<a href="#">See Automatic Distillation Apparatus</a>
<a href="#">D2893</a>	Oxidation Characteristics of Extreme-Pressure Lubrication Oils	<a href="#">See Oxidation Stability Apparatus</a>
<a href="#">D2896</a>	Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration	<a href="#">See potentiometric titrators</a>
<a href="#">D2983</a>	Low-Temperature Viscosity of Lubricants	<a href="#">See Low Temperature Viscosity Baths</a> ; <a href="#">See Brookfield Viscometers</a>

**For methods not shown, [click to email](#) ask@labequip.com or call toll-free: 1-888-885-1900**

<a href="#">D3117</a>	Wax Appearance Point of Distillate Fuels	<a href="#">See Wax Appearance Point Apparatus</a>
<a href="#">D3143</a>	Flash Point of Cutback Asphalt with Tag Open-Cup Apparatus	<a href="#">See Tag Open Cup Flash Testers</a>
<a href="#">D3227</a>	(Thiol Mercaptan) Sulfur in Gasoline, Kerosine, Aviation Turbine, and Distillate Fuels (Potentiometric Method)	<a href="#">See Titrators for measuring Mercaptan Sulfur</a>
<a href="#">D3230</a>	Salts in Crude Oil	<a href="#">See Salts-In-Crude Analyzer</a>
<a href="#">D3233</a>	Measurement of Extreme Pressure Properties of Fluid Lubricants	<a href="#">See Pin and Vee Block Tester</a>
<a href="#">D3235</a>	Solvent Extractables in Petroleum Waxes	<a href="#">See Oil-Solvent Extractables Content Apparatus</a>
<a href="#">D3278</a>	Flash Point of Liquids by Small Scale Closed-Cup Apparatus	<a href="#">See Rapid Flash Closed-Cup Tester</a>
<a href="#">D3366</a>	Color of Maleic Anhydride and Phthalic Anhydride in the Molten State and After Heating	<a href="#">See Maleic &amp; Phthalic Anhydride Purity Bath</a>
<a href="#">D3427</a>	Air Release Properties of Petroleum Oil	<a href="#">See Air Release Valve Apparatus</a>
<a href="#">D3527</a>	Life Performance of Automotive Wheel Bearing Grease	<a href="#">See High Temperature Wheel Bearing Grease Tester</a>
<a href="#">D3603</a>	Rust-Preventing Characteristics of Steam Turbine Oil in the Presence of Water	<a href="#">See Rust Preventing Characteristics Oil Bath</a>
<a href="#">D3702</a>	Wear Rate and Coefficient of Friction of Materials in Self-Lubricated Rubbing Contact Using a Thrust Washer Testing Machine	<a href="#">See Multispecimen Tester</a>
<a href="#">D3828</a>	Flash Point by Small Scale Closed Cup Tester	<a href="#">See Rapid Flash Closed Cup Tester</a>
<a href="#">D3934</a>	Flash/No Flash Test-Equilibrium Method by a Closed-Cup Apparatus	<a href="#">See Tag Automatic Flash Point Tester</a>
<a href="#">D3941</a>	Flash Point by the Equilibrium Method With a Closed-Cup Apparatus	<a href="#">See Tag Automatic Flash Point Tester</a>
<a href="#">D4007</a>	Water and Sediment in Crude Oil by the Centrifuge Method	<a href="#">See Oil Test Centrifuge for D4007</a>
<a href="#">D4048</a>	Detection of Copper Corrosion from Lubricating Grease	<a href="#">See Copper StripTarnish Apparatus</a>
<a href="#">D4049</a>	Determining the Resistance of Lubricating Grease to Water Spray	<a href="#">See Water Spray Apparatus</a>
<a href="#">D4052</a>	Density, Relative Density, and API Gravity of Liquids by Digital Density Meter	<a href="#">See Density Meters</a>
<a href="#">D4057</a>	Manual Sampling of Petroleum and Petroleum Products	For pricing on sample thieves (bacon bombs) and other petroleum and LP gas samplers, <a href="#">click to email</a> ask@labequip.com or call toll-free: 1-888-885-1900
<a href="#">D4172</a>	Wear Preventive Characteristics of Lubricating Fluid (Four-Ball Method)	<a href="#">See Wear Preventive Characteristics Testers</a>
<a href="#">D4206</a>	Sustained Burning of Liquid Mixtures Using the Small Scale Open-Cup Apparatus	<a href="#">See Rapid Flash Closed Cup Tester</a>
<a href="#">D4214</a>	Evaluating the Degree of Chalking of Exterior Paint Films	<a href="#">See Reflectometer/opacity meter</a>
<a href="#">D4290</a>	Determining the Leakage Tendencies of Automotive Wheel Bearing Grease Under Accelerated Conditions	<a href="#">See Grease Testers</a>
<a href="#">D4294</a>	Sulfur in Petroleum and Petroleum Products by Energy Dispersive X-ray Fluorescence Spectrometry	<a href="#">See X-Ray Spectrometer</a>
<a href="#">D4310</a>	Determination of Sludging and Corrosion Tendencies of Inhibited Mineral Oils	<a href="#">See Oxidation Stability Testers</a>
<a href="#">D4377</a>	Water in Crude Oils by Potentiometric Karl Fischer Titration	<a href="#">See Volumetric Karl Fischer Titrators</a>
<a href="#">D4530</a>	Determination of Carbon Residue (Micro Method) , carbon residue	<a href="#">See Micro Conradson Carbon Residue Tester</a>
<a href="#">D4539</a>	Filterability of Diesel Fuels by Low-Temperature Flow Test (LTFT)	<a href="#">See Low Temperature Flow Test (LTFT)</a>
<a href="#">D4636</a>	Corrosiveness and Oxidation Stability of Hydraulic Oils	<a href="#">See Oxidation Stability Testers</a>
<a href="#">D4693</a>	Low-Temperature Torque of Grease-Lubricated Wheel Bearings	<a href="#">See Torque Tester</a>
<a href="#">D4737</a>	Calculated Cetane Index by Four Variable Equation	<a href="#">See Automatic Distillation Testers</a>
<a href="#">D4739</a>	Base Number Determination by Potentiometric Hydrochloric Acid Titration	<a href="#">See Total Base titrator</a>
<a href="#">D4742</a>	Oxidation Stability of Gasoline Automotive Engine Oils by Thin-Film Oxygen Uptake (TFOUT)	<a href="#">See RBOT / RVBOT oxidation Testers</a>
<a href="#">D4809</a>	Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter	<a href="#">See Calorimeters</a>
<a href="#">D4814</a>	Automotive Spark-Ignition Engine Fuel , alcohol, antiknock index	<a href="#">See Silver Strip Corrosion Test Tube Bath</a>
<a href="#">D4909</a>	Color Stability Of Vinyl-Coated Glass Textiles To Accelerated Weathering	<a href="#">See Water Spray Off Tester</a>
<a href="#">D4928</a>	Water in Crude Oils by Coulometric Karl Fischer Titration	<a href="#">See Coulometric Titrators</a>
<a href="#">D4950</a>	Specification of Automotive Service Greases	<a href="#">See Automotive Service Greases testers</a>

**For methods not shown, [click to email](#) ask@labequip.com or call toll-free: 1-888-885-1900**

<a href="#">D5002</a>	Density and Relative Density of Crude Oils by Digital Density Analyzer	<a href="#">See Density Meters</a>
<a href="#">D5006</a>	Measurement of Fuel System Icing Inhibitors (Ether Type) in Aviation Fuels	<a href="#">See Refractometers</a>
<a href="#">D5183</a>	Determination of the Coefficient of Friction of Lubricants Using the Four-Ball Wear Test Machine	<a href="#">See Four Ball Wear Tester</a>
<a href="#">D5184</a>	Determination of Aluminum and Silicon in Fuel Oils by Ashing, Fusion, Inductively Coupled Plasma Atomic Emission Spectrometry, and Atomic Absorption Spectrometry	Inquire about Atomic Absorption Spectrophotometers (AAS) and Furnaces, <a href="#">click to email</a> ask@labequip.com or call toll-free: 1-888-885-1900
<a href="#">D5188</a>	Vapor-Liquid Ratio Temperature Determination of Fuels (Evacuated Chamber and Piston Based Method)	<a href="#">See Automatic Vapor Pressure Tester</a>
<a href="#">D5191</a>	Vapor Pressure of Petroleum Products (Mini Method)	<a href="#">See Automatic Vapor Pressure Tester</a>
<a href="#">D5236</a>	Distillation of Heavy Hydrocarbon Mixtures	<a href="#">See Automatic Distillation Apparatus</a>
<a href="#">D5304</a>	Assessing Middle Distillate Fuel Storage Stability by Oxygen Overpressure	<a href="#">See Fuel Storage Stability Vessels</a>
<a href="#">D5329</a>	Sealants and Fillers, Hot-Applied, for Joints and Cracks in Asphaltic and Portland Cement Concrete Pavements	<a href="#">See Penetrometers</a> For penetrometer accessories, such as cones or needles, <a href="#">click to email</a> ask@labequip.com or call toll-free: 1-888-885-1900
<a href="#">D5386</a>	Color of Liquids Using Tristimulus Colorimetry , APHA, Hazen, hydrocarbons	<a href="#">See Color Spectrophotometers</a>
<a href="#">D5468</a>	Gross Calorific and Ash Value of Waste Materials	<a href="#">See Calorimeters</a>
<a href="#">D5546</a>	Solubility of Asphalt Binders in Toluene by Centrifuge	<a href="#">See Oil Test Centrifuge for D5546</a>
<a href="#">D5620</a>	Evaluating Thin Film Fluid Lubricants in a Drain and Dry Mode Using a Pin and Vee Block Test Machine	<a href="#">See Pin and Vee Block Tester</a>

<a href="#">D5704</a>	Evaluation of the Thermal and Oxidative Stability of Lubricating Oils Used for Manual Transmissions and Final Drive Axles	<a href="#">See L-60-1 Performance Test Apparatus</a>
<a href="#">D5771</a>	Cloud Point of Petroleum Products (Optical Detection Stepped Cooling Method)	<a href="#">See Automatic Cloud and Pour Point Tester</a>
<a href="#">D5772</a>	Cloud Point of Petroleum Products (Linear Cooling Rate Method)	<a href="#">See Automatic Cloud and Pour Point Tester</a>
<a href="#">D5773</a>	Cloud Point of Petroleum Products (Constant Cooling Rate Method)	<a href="#">See Automatic Cloud and Pour Point Tester</a>
<a href="#">D5775</a>	Determination of Bound Styrene in Styrene Butadiene Rubber by Refractive Index	<a href="#">See Refractometers</a>
<a href="#">D5800</a>	Evaporation Loss of Lubricating Oils by the Noack Method	<a href="#">See Noack Evaporative Apparatus</a>
<a href="#">D5853</a>	Pour Point of Crude Oils	<a href="#">See Pour Point Testers</a>
<a href="#">D5865</a>	Gross Calorific Value of Coal and Coke, adiabatic calorimeter	<a href="#">See Calorimeters</a>
<a href="#">D5892</a>	Type IV Polymer-Modified Asphalt Cement for Use in Pavement Construction	<a href="#">See Ductility Testers</a>
<a href="#">D5901</a>	Freezing Point of Aviation Fuels	<a href="#">See Freezing Point Tester</a>
<a href="#">D5950</a>	Pour Point of Petroleum Products (Automatic Tilt Method)	<a href="#">See Automatic Cloud and Pour Point Tester</a>
<a href="#">D5968</a>	Evaluation of Corrosiveness of Diesel Engine Oil at 121°C	<a href="#">See Oxidation Stability Testers</a>
<a href="#">D5969</a>	Corrosion-Preventive Properties of Lubricating Greases in Presence of Dilute Synthetic Sea Water Environments	<a href="#">See Corrosion Preventive Properties Apparatus</a>
<a href="#">D5972</a>	Freezing Point of Aviation Fuels (Automatic Phase Transition Method)	<a href="#">See Freezing Point Apparatus</a>
<a href="#">D6045</a>	Color of Petroleum Products by the Automatic Tristimulus Method	<a href="#">See Colorimeters</a>
<a href="#">D6074</a>	Guide for Characterizing Hydrocarbon Lubricant Base Oils	<a href="#">See Various testers for characterizing hydrocarbon lubricant based oils</a>
<a href="#">D6079</a>	Evaluating Lubricity of Diesel Fuels by the High-Frequency Reciprocating Rig (HFRR)	<a href="#">See High-Frequency Reciprocating Rig</a>
<a href="#">D6082</a>	High Temperature Foaming Characteristics of Lubricating Oils	<a href="#">See Foaming Characteristics Apparatus</a>
<a href="#">D6084</a>	Elastic Recovery of Bituminous Materials by Ductilometer	<a href="#">See Ductility Tester</a>
<a href="#">D6138</a>	Determination of Corrosion-Preventive Properties of Lubricating Greases Under Dynamic Wet Conditions (Emcor Test)	<a href="#">See Emcor Grease Testing Machine</a>
<a href="#">D6158</a>	Specification for Mineral Hydraulic Oils	<a href="#">See Various testers for mineral hydraulic oils</a>
<a href="#">D6166</a>	Color of Pine Chemicals and Related Products (Instrumental Determination of Gardner Color)	<a href="#">See Colorimeters</a>
<a href="#">D6184</a>	Oil Separation from Lubricating Grease (Conical Sieve Method)	<a href="#">See Oil Separation Apparatus</a>
<a href="#">D6304</a>	Determination of Water in Petroleum Products, Lubricating Oils, and Additives by Coulometric Karl Fischer Titration	<a href="#">See Coulometric Karl Fischer Titrators</a>
<a href="#">D6371</a>	Cold Filter Plugging Point of Diesel and Heating Fuels	<a href="#">See Cold Filter Plugging Point Testers</a>
<a href="#">D6377</a>	Determination of Vapor Pressure of Crude Oil: VPCR x (Expansion Method)	<a href="#">See Automatic Vapor Pressure Tester</a>
<a href="#">D6378</a>	Determination of Vapor Pressure (VPX) of Petroleum Products, Hydrocarbons, and Hydrocarbon-Oxygenate Mixtures (Triple Expansion Method)	<a href="#">See Automatic Vapor Pressure Tester</a>
<a href="#">D6594</a>	Evaluation of Corrosiveness of Diesel Engine Oil at 135°C	<a href="#">See Corrosiveness &amp; Oxidation Stability Apparatus</a>
<a href="#">D6703</a>	Automated Heithaus Titrimetry	<a href="#">See Automatic Flocculation Titrimeter</a>
<a href="#">D6897</a>	Vapor Pressure of Liquefied Petroleum Gases (LPG) (Expansion Method)	<a href="#">See Automatic Vapor Pressure Tester</a>
<a href="#">D7066</a>	dimer/trimer of chlorotrifluoroethylene Recoverable Oil and Grease and Nonpolar Material by Infrared Determination	<a href="#">See Oil-in-Water Analyzer</a>

**For methods not shown, [click to email ask@labequip.com](mailto:ask@labequip.com) or call toll-free: 1-888-885-1900**

ASTM technical standards themselves are available from several resellers, as well as ASTM International, which used to be known as American Society for Testing and Materials.