

**Teenuste hinnad alates 18.07.2023 / Price list 18.07.2023**

No	Test	Method	Price (EUR)
1	Tiheduse mõõtmine laboratorselt areomeetrilise meetodiga <i>Crude petroleum and liquid petroleum products – Laboratory determination of density – Hydrometer method</i>	EN ISO 3675	20
2	<i>Standard Test Method for Density, Relative Density (Specific Gravity), or API Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Method</i>	ASTM D1298 / IP160, API MPMS Ch 9.1	20
3	Tiheduse määramine. Ostsilleeruva U-toru meetodil <i>Crude petroleum and petroleum products – Determination of density – Oscillating U-tube Method</i>	EN ISO 12185	20
4	<i>Standard Test Method for Density, Relative Density, and API Gravity of Liquids by Digital Density Meter</i>	ASTM D4052	20
5	Oktaaniarvu määramine mootorimeetodil (MON) <i>Petroleum products – Determination of knock characteristics of motor and aviation fuels – Motor method</i>	EN ISO 5163	195
6	<i>Standard Test Method for Motor Oktane Number of Spark-Ignition Engine Fuel</i>	ASTM D2700 / IP236	195
7	Oktaaniarvu määramine uurimismeetodil (RON) <i>Petroleum products – Determination of knock characteristics of motor fuels – Research method</i>	EN ISO 5164	195
8	<i>Standard Test Method for Research Octane Number of Spark-Ignition Engine Fuel</i>	ASTM D2699 / IP237	195
9	Tsetaanmootori meetod <i>Petroleum products – Determination of the ignition quality of diesel fuels - Cetane engine method</i>	EN ISO 5165	205
10	<i>Standard Test Method for Cetane Number of Diesel Fuel Oil</i>	ASTM D613/ IP41	205
11	Vävlisisalduse määramine energijahutusega röntgenfluorestsentspektomeetria meetodil <i>Petroleum products -Determination of sulfur content - Energydispersive X-ray fluorescence spectrometry</i>	EN ISO 8754	60
12	<i>Standard Test Method for Sulfur in Petroleum and Petroleum Products by Energy Dispersive X-ray Fluorescence Spectrometry</i>	ASTM D4294	60
13	Tioolide ja teiste aktiivsete vävliühendite määramine - Doktortest <i>Petroleum products and hydrocarbon solvents – Detection of thiols and other sulfur species – Doctor test</i>	EN ISO 5275	45
14	<i>Standard Test Method for Qualitative Analysis for Active Sulfur Species in Fuels and Solvents (Doctor Test)</i>	ASTM D4952	45
15	Üldvävli määramine UV fluorestsentsmeetodil <i>Petroleum product s- Determination of sulfur content of automotive fuels - Ultraviolet fluorescence method</i>	EN ISO 20846	70
16	<i>Standard Test Method for Determination of Total Sulfur in Light Hydrocarbons, Spark Ignition Engine Fuel, Diesel Engine Fuel, and Engine Oil by Ultraviolet Fluorescence</i>	ASTM D5453	70
17	<i>Ethanol as a blending component for petrol – Determination of sulphur content - Ultraviolet fluorescence method</i>	EN 15486	70
18	Mootorkütuste vävlisisalduse määramine energijahutusega röntgenfluorestsentspektromeetriliselt <i>Petroleum products - Determination of sulfur content of automotive fuels - Energy-dispersive X-ray fluorescence spectrometry</i>	EN ISO 20847	60
19	Korrosiivsus vaskplaadikatsel <i>Petroleum products – Corrosiveness to copper – Copper strip test</i>	EN ISO 2160	50
20	<i>Standard Test Method for Corrosiveness to Copper from Petroleum Products by Copper Strip Test</i>	ASTM D130 / IP 154	50

21	Naftasaaduste fraktsioonikoostise määramine normaalrõhul <i>Petroleum products. Determination of distillation characteristics at atmospheric pressure</i>	EN ISO 3405	65
22	<i>Standard Test Method for Distillation of Petroleum Products at Atmospheric Pressure</i>	ASTM D86	65
23	<i>Standard Test Method for Distillation of Petroleum Products at Atmospheric Pressure (Mini Method)</i>	ASTM D7344	55
24	Küllastunud aururõhu määramine minimeetodil <i>Liquid petroleum products – Vapour pressure – Part 1: Determination of air saturated vapour pressure (ASVP) and calculated dry vapour pressure equivalent (DVPE)</i>	EN 13016-1	70
25	<i>Standard Test Method for Vapor Pressure of Petroleum Products (Mini Method)</i>	ASTM D5191	70
26	Kergete ja keskmiste destillaatkütuste vaigusisalduse määramine jugaaurutusmeetodil. <i>Petroleum products - Gum content of light and middle distillate fuels - Jet evaporation method</i>	EN ISO 6246	85
27	<i>Standard Test Method for Gum Content in Fuels by Jet Evaporation</i>	ASTM D381	85
28	Bensiini oksüdatsioonikindluse määramine induktsiooniperioodi meetodil <i>Petroleum products – Determination of oxidation stability of gasoline – Induction period method</i>	EN ISO 7536	85
29	<i>Standard Test Method for Oxidation Stability of Gasoline (Induction Period Method)</i>	ASTM D525 / IP 40	85
30	<i>Standard Test Method for Free Water and Particulate Contamination in Distillate Fuels (Visual Inspection Procedures)</i>	ASTM D4176	30
31	Süsivesinike tüüpide määramine fluorestantsindikaatoriga adsorptsioonmeetodil <i>Petroleum products and related materials - Determination of hydrocarbon types - Fluorescent indicator adsorption method</i>	EN 15553	140
32	<i>Standard Test Method for Hydrocarbon Types in Liquid Petroleum Products by Fluorescent Indicator Absorption.</i>	ASTM D1319 / IP156	140
33	<i>Standard Test Method for Determination of MTBE, ETBE, TAME, DIPE, Methanol, Ethanol and tert-Butanol in Gasoline by Infrared Spectroscopy</i>	ASTM D5845	110
34	Tsetaaniindeksi määramine. <i>Petroleum products – Calculation of Cetane Index of Middle-distillate Fuels by the Four-variable equation</i>	EN ISO 4264 <u>Calculation</u>	30
35	<i>Standard Test Method for Calculated Cetane Index by Four Variable Equation</i>	ASTM D4737 <u>Calculation</u>	30
36	<i>Standard Test Method for Calculated Cetane Index of Distillate Fuels</i>	ASTM D976 <u>Calculation</u>	30
37	Oksüdatsioonistabiilsuse määramine <i>Petroleum products – Determination of the oxidation stability of middle-distillate fuels</i>	EN ISO 12205	115
38	<i>Standard Test Method for Oxidation Stability of Distillate Fuel Oil (Accelerated Method)</i>	ASTM D2274 / IP388	115
39	Leekpunkti ja süttimistempera- tuuri määramine. Clevelandi avatud tiigli meetod <i>Petroleum products – Determination of flash and fire point – Cleveland open cup method</i>	EN 22592 / ISO 2592	70
40	<i>Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester</i>	ASTM D92 / IP 36	70
41	Aurulukuindeks (VLI) , arvutusmeetod <i>Vapour Lock Index (VLI), calculation method (VLI = 10VP + 7E70)</i>	EN 228 <u>Calculation</u>	30

42	Leekpunkti määramine Pensky-Martensi suletud tiiglis <i>Determination of flash point – Pensky-Martens closed cup method</i>	EN ISO 2719	80
43	<i>Standard Test Methods for Flash Point by Pensky-Martens Closed Cup Tester</i>	ASTM D93 / IP34	80
44	Leekpunkti määramine Pensky-Martensi suletud tiiglis <i>Animal and vegetable fats and oils – Flash point limit test using Pensky-Martens closed cup flash tester</i>	ISO 15267	80
45	Filtreeritavuspunkti määramine <i>Diesel and domestic heating fuels – Determination of cold filter plugging point (CFPP)</i>	EN 116	90
46	<i>Standard Test Method for Cold Filter Plugging Point of Diesel and Heating Fuels</i>	ASTM D6371	90
47	Hangumispunkti määramine <i>Petroleum products – Determination of pour point</i>	ISO 3016	65
48	<i>Standard Test Method for Pour Point of Petroleum Products</i>	ASTM D 97 / IP 15	65
49	Hägustumispunkti määramine <i>Petroleum products - Determination of cloud point</i>	EN 23015	55
50	<i>Standard Test Method for Cloud Point of Petroleum Products</i>	ASTM D2500/ IP219	55
51	Kinemaatilise viskoossuse määramine <i>Petroleum products – Transparent and opaque liquids – Determination of kinematic viscosity and calculation of dynamic viscosity</i>	EN ISO3104	70
52	<i>Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and Calculation of Dinamic Viscosity)</i>	ASTM D445 / IP71	70
53	Vee määramine naftasaadustes ja bituminoossetes materjalides destilleerimismeetodil <i>Petroleum products and bituminous materials – Determination of water – Distillation method</i>	ISO 3733	60
54	<i>Standard Test Method for Water in Petroleum Products and Bituminous Materials by Distillation</i>	ASTM D95/ IP74	60
55	<i>Standard Test Method for Water in Crude Oil by Distillation</i>	ASTM D4006 /IP358	65
56	Alumine ja ülemine eripõlemissoojus <i>Standard Test Method for Estimation of Net and Gross Heat of Combustion of Burner and Diesel Fuels</i>	ASTM D4868 <u>Calculation</u>	30
57	Tuhasuse määramine <i>Petroleum products – Determination of ash</i>	EN ISO 6245	70
58	<i>Standard Test Method for Ash from Petroleum Products</i>	ASTM D482 / IP 4	85
59	Sulfaattuha määramine määrdeõlides ja manustes. <i>Petroleum products - Lubricating oils and additives - Determination of sulfated ash</i>	ISO 3987	90
60	<i>Standard Test Method for Sulfated Ash from Lubricating Oils and Additives</i>	ASTM D874 / IP163	90
61	Benseeni määramine, infrapunase spektroskoopia meetod <i>Liquid petroleum products – Petrol - Determination of the benzene content by Infrared spectrometry</i>	EN 238	100
62	<i>Standard Test Method for Benzene in Motor and Aviation Gasoline by Infrared Spectroscopy</i>	ASTM D4053	100
63	<i>Standard Test Method for Determination of Benzene in Spark-Ignition Engine Fuels Using Mid Infrared Spectroscopy</i>	ASTM D6277	100
64	Naftasaaduste koksiarvu määramine Conradson'i meetodil <i>Petroleum Products – Determination of carbon residue – Conradson method</i>	ISO 6615	70
65	<i>Standard Test Method for Conradson Carbon Residue of Petroleum Products</i>	ASTM D189 / IP 13	70

66	Naftasaaduste koksiarvu määramine mikromeetodil. <i>Petroleum products – Determination of carbon residue – Micro method</i>	EN ISO 10370	90
67	<i>Standard Test Method for Determination of Carbon Residue (Micro Method)</i>	ASTM D4530	90
68	<i>Standard Test Method for Distillation of Petroleum Products at Reduced Pressure</i>	ASTM D1160	170
69	Happe- ja leelisarvu määramine värvusindikaatoriga tiitrimisel <i>Petroleum products and lubricants – Determination of acid or base number – Colour-indicator titration method</i>	ISO 6618	85
70	<i>Standard Test Method for Acid and Base Number by Color-Indicator Titration</i>	ASTM D974/ IP139	85
71	<i>Standard Test Method for Base Number Determination by Potentiometric Hydrochloric Acid Titration</i>	ASTM D4739	85
72	Neutralisatsiooniarvu määramine potentsiomeetrilisel tiitrimisel <i>Petroleum products and lubricants – Neutralization number – Potentiometric titration method</i>	ISO 6619	85
73	<i>Standard Test Method for Acid Number of Petroleum Products by Potentiometric Titration</i>	ASTM D664 / IP177	85
74	Üldise leelisarvu määramine potentsiomeetrilisel tiitrimisel <i>Petroleum products - Determination of base number - Perchloric acid potentiometric titration method</i>	ISO 3771	90
75	<i>Standard Test Method for Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration</i>	ASTM D2896 / IP276	90
76	<i>Standard Test Method for Acidity in Aviation Turbine Fuels</i>	ASTM D3242 / IP354	85
77	<i>Standard Test Method for Acidity of Hydrocarbon Liquids and Their Distillation Residues</i>	ASTM D1093	80
78	<i>Standard Test Method for Acidity in Volatile Solvents and Chemical Intermediates Used in Paint, Varnish, Lacquer, and Related Products</i>	ASTM D1613	80
79	Etanool bensiini komponendina. Üldhappesuse määramine. Värvusindikaatoriga tiitrimise meetod <i>Ethanol as a blending component for petrol – Determination of total acidity – Colour indicator titration method</i>	EN 15491	80
80	<i>Standard Test Method for Estimation of Net Heat of Combustion of Aviation Fuels</i>	ASTM D3338/ D3338M <u>Calculation</u>	30
81	Naftasaadustes seotud vee määramine kulonomeetriliselt Karl Fischer titratsioonil <i>Petroleum products – Determination of water – Coulometric Karl Fischer titration method</i>	EN ISO 12937	60
82	<i>Standard Test Method for Determination of Water In Petroleum Products, Lubricating Oils, and Additives by Coulometric Karl Fischer Titration</i>	ASTM D6304	60
83	<i>Standard Test Method for Water in Crude Oils by Coulometric Karl Fischer Titration</i>	ASTM D4928/IP 386 MPMS Ch.10.9	60
84	<i>Standard Test Method for Water in Organic Liquids by Coulometric Karl Fischer Titration</i>	ASTM E1064	60
85	Veesisalduse määramine kulonomeetriliselt Karl Fischer titratsioonil <i>Ethanol as a blending component for petrol – Determination of water content – Karl Fischer coulometric titration method</i>	EN 15489	60
86	<i>Standard Test Method for Density and Relative Density of Crude Oil by Digital Density Analyzer</i>	ASTM D5002	30
87	<i>Standard Test Method for Pour Point of Crude Oils</i>	ASTM D5853 /IP441	65
88	Tahkete osiste määramine keskmistes destillaatides <i>Liquid petroleum products – Determination of contamination in middle distillates</i>	EN 12662	70

89	<i>Standard Test Method for Particulate Contamination in Middle Distillate Fuels by Laboratory Filtration</i>	ASTM D6217 / IP415	70
90	<i>Sediment in Crude Oil by Membrane Filtration</i>	ASTM D4807, MPMS Ch.10.8	75
91	Sette määramine toornaftas ja kütteõlides ekstraktsioonmeetodil <i>Crude petroleum and fuel oils – Determination of sediment – Extraction method</i>	EN ISO 3735	70
92	<i>Sediment in Crude Oils and Fuel Oils by the Extraction Method</i>	ASTM D473 / IP 53, MPMS Ch.10.1	70
93	<i>Particulate Contamination in Aviation Fuels by Laboratory Filtration</i>	ASTM D5452 / IP423	105
94	Vee ja sette määramine jääk-kütteõlides. Tsentrifuugi meetodis (laboratoorne menetlus) <i>Petroleum products – Determination of water and sediment in residual fuel oils – Centrifuge method</i>	ISO 3734	65
95	<i>Standard test method for Water and Sediment in Fuel Oils by the Centrifuge Method (Laboratory Procedure)</i>	ASTM D1796, MPMS Ch.10.6	65
96	<i>Standard test method for Water and Sediment in Middle Distillate fuels by Centrifuge</i>	ASTM D2709	65
97	<i>Standard test method for Water and Sediment in Crude Oils by the Centrifuge Method (Laboratory Procedure)</i>	ASTM D4007, MPMS Ch.10.3	65
98	Benseeni ja toluenei sisalduse määramine pliivabas bensiinis, gaaskromatograafiliselt <i>Liquid petroleum products. Unleaded petrol. Determination of benzene content by gas chromatography</i>	EN ISO 12177	155
99	<i>Standard Test Method for Determination of Benzene and Toluene in Finished Motor and Aviation Gasoline by Gas Chromatography</i>	ASTM D3606	155
100	<i>Standard Test Method for Cleanliness and Compatibility of Residual Fuels by Spot Test</i>	ASTM D4740	75
101	Plii väikeste kontsentratsioonide määramine AAS meetodil <i>Liquid petroleum products – Petrol – Determination of low lead concentration by atomic absorption spectrometry</i>	EN 237	125
102	<i>Standard Test Method for Lead in Gasoline by Atomic Absorption Spectroscopy</i>	ASTM D3237	125
103	<i>Standard Test Method for Electrical Conductivity of Aviation and Distillate fuels</i>	ASTM D2624	100
104	Organilise värvaine Automate Blue 8GHF määramine <i>Determination of marker Automate Blue 8GHF</i>	VV määrus 148/2014 Lisa 3	45
105	Erimärgistusaine Solvent Yellow 124 määramine <i>Determination of marker Solvent Yellow 124</i>	VV määrus 148/2014 Lisa 1	45
106	Organilise värvaine Automate Red NR määramine <i>Determination of marker Automate RED NR</i>	VV määrus 148/2014 Lisa 2	45
107	Värvuse määramine ASTM skaala järgi <i>Petroleum products – Determination of color (ASTM scale)</i>	ISO 2049	45
108	<i>Standard Test Method for ASTM Color of Petroleum Products (ASTM Color Scale)</i>	ASTM D1500/ IP196	50
109	<i>Standard Test Method for Saybolt Color of Petroleum Products</i>	ASTM D156	50
110	<i>Standard Test Method for Color of Petroleum Products by the Automatic Tristimulus Method</i>	ASTM D6045	60
111	Orgaaniliste hapnikku sisaldavate ühendite ja summaarse orgaanilise hapnikusisalduse gaasikromatograafilise määramine <i>Liquid petroleum products. Unleaded petrol. Determination of organic oxygenate compounds and total organically bound oxygen content by gas chromatography using column switching</i>	EN 13132	155
112	<i>Standard Test Method for Determination of MTBE, ETBE, TAME, DIPE, tertiary-Amyl Alcohol and C<sub>1</sub> to C<sub>4</sub> Alcohols in Gasoline by Gas Chromatography</i>	ASTM D4815	170

113	<i>Standard Test Method for Mercaptan Sulfur in Gasoline, Kerosine, Aviation Tyrbine and Distillate Fuel ( Potentiometric Method)</i>	ASTM D3227 / IP342	100
114	Orgaanilist hapnikku sisaldavate ühendite ja summaarse orgaanilise hapnikusisalduse gaasikromatograafilise määramine (O.FID) <i>Liquid petroleum products – Unleaded petrol – Determination of organic oxygenate compound and total organically bound oxygen content by gas chromatography (O-FID)</i>	EN 1601	170
115	<i>Standard Test Method for Determination of Oxygenates in Gasoline by Gas Chromatography and Oxygen Selective Flame Ionization Detection</i>	ASTM D5599	170
116	Viskoossusindeksi arvutamine kinemaatilisest viskoossusest 40 °C ja 100 °C juures <i>Petroleum products – Calculation of viscosity index from kinematic viscosity</i>	ISO 2909 <u>Calculation</u>	30
117	<i>Standard Practice for Calculating Viscosity Index from Kinematic Viscosity at 40°C and 100 °C</i>	ASTM D 2270 / IP226	30
118	Aromaatsete süsivesinike klasside määramine keskmiste destillaatides kõrgsurvedelikkromatograafiliselt <i>Petroleum produkts – Determination of aromatic Hydrocarbon types in middle distillates – High performance liquid chromatography method with refractive index detection</i>	EN 12916, IP 391	160
119	<i>Determination of Aromatic Hydrocarbon Types in Middle Distillates – High Performance Liquid Chromatography Method with Refractive Index Detection</i>	ASTM D6591 / IP548	160
120	<i>Determination of Aromatic Hydrocarbon Types in Aviation Fuels and Petroleum Distillates - High Performance Liquid Chromatography Method with Refractive Index Detection</i>	ASTM D6379 / IP436	160
121	<i>Standard Test Method for Manganese in Gasoline by Atomic Absorption Spectroscop</i>	ASTM D3831	140
122	<i>Standard Test Method for Analysis of Barium, Calcium, Magnesium, and Zink in Unused Lubricating Oils by Atomic Absorption Spectrometry</i>	ASTM D4628	185
123	Naftasaaduste destillaatide ja küllastumata süsivesinike broomiarvu määramine elektromeetrilisel meetodil <i>Petroleum products – Determination of bromine number of distillates and aliphatic olefins – Electrometric method</i>	ISO 3839	125
124	<i>Standard Test Method for Bromine Numbers of Petroleum Distillates and Commercial Aliphatic Olefins by Electrometric Titration</i>	ASTM D1159 / IP130	275
125	<i>Standard Test Method for Determination of Nickel, Vanadium, Iron, and Sodium in Crude Oils and Residual Fuels by Flame Atomic Absorption Spectrometry</i>	ASTM D5863	195
126	<i>Standard Test Method for Determination of Aluminium and Silicon in Fuel Oils by Ashing, Fusion, Inductively Coupled Plasma Atomic Emission Spectrometry, and Atomic Absorption Spectrometry</i>	ASTM D5184	200
127	Alumiiniumi ja räni määramiseks kütteõlides tuhastamisjärgselt ICP-AAS-iga <i>Petroleum products – Determination of aluminium and silicon in fuel oils – Inductively coupled plasma emission and atomic absorption spectroscopy method</i>	ISO 10478	195
128	Määrimisvõime määramine. <i>Diesel fuel - Assessment of lubricity using the High-frequency reciprocating rig (HFRR) - Part 1 : Test method</i>	EN ISO 12156-1	160
129	<i>Standard Test Method for Evaluating Lubricity of Diesel Fuels by the High-Frequency Reciprocating Rig (HFRR)</i>	ASTM D6079	160

130	<i>Standard Test Method for Determination of Ethanol Content of Denatured Fuel Ethanol by Gas Chromatography</i>	ASTM D5501	180
131	Rasvhapete metüülestrite (FAME) sisalduse määramine vedelate naftasaaduste keskmistes destillaatides infrapunaspetskroopia meetod <i>Liquid petroleum products - Determination of fatty acid methyl esters (FAME) content in middle distillates - Infrared spectroscopy method</i>	EN 14078	105
132	Rasvhapete metüülestrite (FAME) happearvu määramine <i>Oil and fat derivatives - Fatty Acid Methyl Esters (FAME) - Determination of acid value</i>	EN 14104	95
133	Rasvhapete metüülestrite (FAME) joodiarvu määramine. <i>Oil and fat derivatives - Fatty Acid Methyl Esters (FAME) - Determination iodine value</i>	EN 14111	100
134	Rasvhapete metüülestrite (FAME) naatriumisisalduse määramine AAS meetodil <i>Fat and oil derivatives - Fatty Acid Methyl Esters (FAME) - Determination of sodium content by atomic absorption spectrometry</i>	EN 14108	135
135	Rasvhapete metüülestrite (FAME) kaaliumisisalduse määramine AAS meetodil <i>Fat and Oil derivatives - Fatty Acid Methyl Esters (FAME) - Determination of potassium content by atomic absorption spectrometry</i>	EN 14109	135
136	Rasvhapete metüülestrite (FAME) metanoolisisalduse määramine . <i>Fat and oil derivatives - Fatty Acid Methyl Esters (FAME) - Determination of methanol content</i>	EN 14110	165
137	Rasvhapete metüülestrite (FAME) - Oksüdatsioonilise stabiilsuse määramine <i>Fat and oil derivatives - Fatty Acid Methyl Esters (FAME) - Determination of oxidation stability (accelerated oxidation test)</i>	EN 14112	100
138	Rasvhapete metüülestrid (FAME) - Estri ja linoleenhappe metüülestri sisalduse määramine <i>Fat and oil derivatives – Fatty Acid Methyl Esters (FAME) – Determination of ester and linolenic acid methyl ester content</i>	EN 14103	175
139	Loomsed ja taimsed rasvad ja õlid. Rasvhapete metüülestrite gaasikromatograafiline analüüs <i>Animal and vegetable fats and oils – Analysis by gas chromatography of methyl esters of fatty acid</i>	ISO 12966-4 (ISO 5508)	195
140	Rasvhapete metüülestrid (FAME) kui mootorikütused diiselmootorite jaoks. Vaba ja kogu glütserooli ning mono-, di- ja triglütseriidide sisalduse määramine <i>Automotive fuels Fatty Acid Methyl Esters (FAME) for diesel engines. Determination of free and total glycerol and mono, di-, and triglyceride content</i>	EN 14105	190
141	<i>Test Method for Determination of Free and Total Glycerin in B-100 Biodiesel Methyl Esters by Gas Chromatography</i>	ASTM D6584	190
142	Rasva ja õli derivaadid. Rasvhapete metüülestrid (FAME) - Vaba glütserooli määramine <i>Fat and oil derivatives – Fatty Acid Methyl Esters (FAME) – Determination of free glycerol content</i>	EN 14106	175
143	Rasva ja õli derivaadid. Rasvhapete metüülestrid (FAME) diiselmootorite jaoks. Polüküllastumata ( $\geq 4$ kaksiksidemete) rasvhapete metüülestrite (PUFA) määramine gaasikromatograafiliselt <i>Petroleum products and fat and oil derivatives – Fatty acid methyl esters (FAME) for diesel engines - Determination of polyunsaturated (<math>\geq 4</math> double bonds) fatty acid methyl esters (PUFA) by gas chromatography</i>	EN 15779	175

144	Vedelad naftasaadused. Kütuste keskmistest destillaatidest rasvhapete metüülestrite (FAME) eraldamine ja iseloomustamine. Vedelikkromatograafia (LC) / gaaskromatograafia (GC) meetod <i>Liquid petroleum products - Separation and characterisation of fatty acid methyl esters (FAME) by liquid chromatography/gas chromatography (LC/GC)</i>	EN 14331	180
145	Happearvu ja happesuse määramine rasvades ja õlides <i>Animal and vegetable fats and oils - Determination of acid value and acidity</i>	EN ISO 660	75
146	Niiskuse ja lenduvate ühendite sisaldus määramine rasvades ja õlides <i>Animal and vegetable fats and oils - Determination of moisture and volatile matter content</i>	EN ISO 662	95
147	Lahustumatute lisandite sisalduse määramine rasvades ja õlides <i>Animal and vegetable fats and oils - Determination of insoluble impurities content</i>	EN ISO 663	90
148	Loomsed ja taimsed rasvad ja õlid. Seebistumisarvu määramine <i>Animal and vegetable fats and oils - Determination of saponification value</i>	EN ISO 3657	95
149	Loomsed ja taimsed rasvad ning õlid - Joodiarvu määramine <i>Animal and vegetable fats and oils - Determination of iodine value</i>	EN ISO 3961	105
150	Mitteseebistuvate ainete määramine dietüülestriga ekstraktsiooni meetodil <i>Animal and vegetable fats and oils - Determination of unsaponifiable matter - Method using diethyl ether extraction</i>	EN ISO 3596	95
151	<i>Animal and vegetable fats and oils - Determination of unsaponifiable matter - Method using hexane extractio</i>	EN ISO 18609	95
152	Alküülnitraatide määramine diislikütustes <i>Petroleum products - Determination of alkyl nitrate in diesel fuels - Spectrometric method</i>	EN ISO 13759	140
153	<i>Standard Test Method for Alkyl Nitrate in Diesel Fuels by Spectrophotometry</i>	ASTM D4046	140
154	<i>Standard Test Method for Amyl Nitrate in Diesel Fuels</i>	ASTM D1839	140
155	Keskmiselt destilleeritud kütuste oksüdatsioonistabiilsuse määramine <i>Automotive fuels - Fatty acid methyl ester (FAME) fuel and blends with diesel fuel - Determination of oxidation stability by accelerated oxidation method</i>	EN 15751	95
156	Leekpunkti määramine suletud tiigli meetodil <i>Determination of flash point - Rapid equilibrium closed cup method</i>	EN ISO 3679	80
157	<i>Standard Test Methods for Flash Point by Small Scale Closed Cup Tester</i>	ASTM D3828	80
158	Peroksiidaru määramine <i>Animal and vegetable fats and oils - Determination of peroxide value</i>	EN ISO 3960	105
159	Peroksiidaru määramine <i>Animal and vegetable fats and oils - Determination of peroxide value - Potentiometric end-point determination</i>	EN ISO 27107	105
160	Fosfori sisalduse määramine kolorimeetriliselt <i>Animal and vegetable fats and oils - Determination of phosphorus content - Part 1: Colorimetric method</i>	EN ISO 10540-1	110
161	<i>Freezing point of Aviation Fuels</i>	ASTM D2386	100
162	Mittetahmava leegi kõrguse määramine <i>Determination of the smoke point of kerosine</i>	ISO 3014	100
163	<i>Smoke Point of Kerosine and Aviation Turbine Fuel</i>	ASTM D1322 / IP57	100
164	<i>Color of Dyed Aviation Gasolines</i>	ASTM D2392	65
165	<i>Water Reaction of Aviation Fuels</i>	ASTM D1094	55

166	<i>Standard Test Method for Lead in Gasoline – Iodine Monochloride Method</i>	ASTM D3341	110
167	<i>Standard Test Method for Oxidation Stability of Aviation Fuels (Potential Residue Method )</i>	ASTM D873 / IP 138	95
168	<i>Standard Test Method for Chloride Ion In Water</i>	ASTM D512	110
169	Anorgaaniliste kloriidide – potentsiomeetriline meetod <i>Ethanol as a blending component for petrol – Determination of inorganic chloride – Potentiometric method</i>	EN 15484	110
170	Klooriiooni määramine tööstuskemikaalides potentsiomeetrilise meetodiga <i>Chemical products for industrial use. Determination of chloride ions - Potentiometric method</i>	ISO 6227	110
171	Vesinikusisalduse määramine lennukikütustes. <i>Estimation of Hydrogen Content of Aviation Fuels</i>	ASTM D3343 <u>Calculation</u>	30
172	Etanooli, denatureeritud kütuseetanooli ja kütuseetanooli (Ed75-Ed85) pH määramine <i>Standard Test Method for Determination of pHe of Ethanol, Denatured Fuel Ethanol, and Fuel Ethanol (Ed75-Ed85)</i>	ASTM D6423	65
173	<i>Ethanol as a blending component for petrol – Determination of pHe</i>	EN 15490	65
174	Fosforisisalduse määramine ammooniummolüüdaat spektromeetriliselt <i>Ethanol as a blending component for petrol – Determination of phosphorus content – Ammonium molybdate spectrometric method</i>	EN 15487	105
175	Fosforisisalduse määramine bensiinis <i>Determination of Phosphorus in Gasoline</i>	ASTM D3231	105
176	Etanool bensiini komponendina. Välimuse määramine visuaalselt. <i>Ethanol as a blending component of petrol - Determination of appearance – Visual method</i>	EN 15769	30
177	Etanool bensiini komponendina. – kuivjäägi määramine gravimeetriliselt <i>Ethanol as a blending component for petrol – Determination of total dry residue (involatile material) – Gravimetric method</i>	EN 15691	75
178	<i>Hydrogen Sulfide and Mercaptan Sulfur in Liquid Hydrocarbons by Potentiometric Titration</i>	UOP 163-10	170
179	Etanool bensiini komponendina ja etanool kütusena (E85). Elektrijuhtivuse määramine <i>Ethanol blending component and ethanol fuel. Determination of electrical conductivity</i>	EN 15938	95
180	<i>Dynamic Viscosity and Density of Liquid by Stabinger Viscometer (and the Calculation of Kinematic Viscosity)</i>	ASTM D7042	85
181	<i>Oxidation Stability of Spark Ignition Fuel – Rapid Small Scale Oxidation Test</i>	ASTM D7525	95
182	<i>Oxidation Stability of Middle Distillate Fuels</i>	ASTM D7545	95
183	<i>Liquid petroleum products – Middle distillates and fatty acid methyl ester (FAME) fuels and blends – Determination of oxidation stability by rapid small scale oxidation method</i>	EN 16091	85
184	Naftasaaduste seebistusarvu määramine potentsiomeetrilisel tiitrimisel <i>Petroleum Products - Determination of saponification number Part 1: Colour- indicator titration method</i>	ISO 6293-1	85
185	Naftasaaduste seebistusarvu määramine potentsiomeetrilisel tiitrimisel <i>Petroleum Products - Determination of saponification number Part 2: Potentiometric titration method</i>	ISO 6293-2	95
186	<i>Saponification number of petroleum products by potentiometric titration</i>	ASTM D939	95

187	<i>Standard Test Methods for Saponification Number of Petroleum Products</i>	ASTM D94	95
188	Naftasaadused. Summaarse sette määramine jääkkütteõlides <i>Petroleum products - Total sediment in residual fuel oil – Part 1 : Determination by hot filtration Part 2 : Determination using standard procedures for aging</i>	ISO 10307-1 ISO 10307-2 / IP 390	130
189	<i>Standard Test Method for Determination of Total Sediment in Residual Fuels</i>	ASTM D4870 / IP 375	105
190	Oksüdatsioonistabiilsuse määramine <i>Animal and vegetable fats and oils - Determination of oxidative stability (accelerated oxidation test)</i>	EN ISO 6886	105
191	<i>Standard Test Method for Naphthalene Hydrocarbons in Aviation Turbine Fuels by Ultraviolet Spectrophotometry</i>	ASTM D1840	110
192	Ca, Mg ja Na, K määramine <i>Fat and oil derivatives – Fatty acid methyl ester (FAME) – Determination of Ca, K, Mg and Na content by optical emission spectral analysis with inductively coupled plasma (ICP OES)</i>	EN 14538	150
193	Fosfori määramine <i>Fat and oil derivatives - Fatty Acid Methyl Esters (FAME) - Determination of phosphorus content by inductivity coupled plasma (ICP) emission spectrometry</i>	EN 14107	140
194	Loomsed ja taimsed rasvad ja õlid. Veesisalduse määramine. Karl Fischeri meetod (püridiinivaba) <i>Animal and vegetable fats and oils – Determination of water content – Karl Fischer method (pyridine free)</i>	EN ISO 8534	90
195	<i>Standard Test Method for Determination Water Separation Characteristics of Aviation Turbine by Portable Separometer</i>	ASTM D3948	110
196	Loomsed ja taimsed rasvad ja õlid. Fosfori määramine ICP <i>Animal and vegetable fats and oils -- Determination of phosphorus content -- Part 3: Method using inductively coupled plasma (ICP) optical emission spectroscopy</i>	ISO 10540-3	150
197	Leekpunkti määramine - Abeli suletud tiigli meetod <i>Determination of flash point – Abel closed cup method</i>	EN ISO 13736/ IP 170	80
198	<i>Determination of Aluminium, silicon, vanadium, nickel, iron, sodium, calcium, zinc and phosphorus in residual fuel oil by ashing, fusion and inductively coupled plasma emission spectrometry</i>	IP 501	280
199	Süsiniku aromaatindeksi määramine <i>Petroleum products — Fuels (class F) — Specifications of marine fuels - Ignition characteristics of residual marine fuels Calculated Carbon Aromaticity Index (CCAI)</i>	ISO 8217 Annex F <u>Calculation</u>	30
200	Alumine ja ülemine eripõlemissoojus <i>Petroleum products — Fuels (class F) — Specifications of marine fuels - Specific energy (Net/Gross)</i>	ISO 8217 Annex E <u>Calculation</u>	30
201	<i>Ethanol as a blending component for petrol – Determination of higher alcohols, methanol and volatile impurities – Gas chromatographic method</i>	EN 15721	170
202	<i>Ethanol as a blending component for petrol - Determination of phosphorus, copper and sulfur content – Direct method by inductively coupled plasma optical emission spectrometric (ICP-OES)</i>	EN 15837	195
203	<i>Automotive fuels - Determination of manganese and iron content in unleaded petrol - Inductively coupled plasma optical emission spectrometry (ICP OES) method</i>	EN 16136	180
204	<i>Petroleum products – Determination of low concentration of sulfur in automotive fuels – Energy dispersive X-ray fluorescence spectrometric method</i>	EN ISO 13032, ISO 13032	75
205	<i>Automotive fuels – Determination of manganese content in unleaded petrol – Flame atomic absorption spectrometric method (FAAS)</i>	EN 16135	145

206	<i>Ethanol as a blending component for petrol - Determination of inorganic chloride and sulfate content – Ion chromatographic method</i>	EN 15492	125
207	<i>Automotive fuels – Determination of iodine value in fatty acid methyl ester (FAME) – Calculation method from gas chromatographic data</i>	EN 16300	170
208	<i>Liquid petroleum products – Determination of hydrocarbon types and oxygenates in automotive – motor gasoline – Multidimensional gas chromatography method</i>	EN ISO 22854 (supersedes EN 14517)	205
209	<i>Standard Test Method for Hydrocarbon Types, Oxygenated Compounds and Benzene in Spark Ignition Engine Fuels by Gas Chromatography</i>	ASTM D6839	205
210	<i>Determination of Asphaltenes (Heptane Insolubles) in Crude Petroleum and Petroleum Products</i>	ASTM D6560 / IP 143	145
211	<i>Determination of Additive Elements, Wear Metals, and Contaminants in Used Lubricating Oils and Determination of Selected Elements in Base Oils by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES)</i>	ASTM D5185	270
212	<i>Standard Test Method for Total Nitrogen In Lubricating Oils and Fuel Oils By Modified Kjeldahl Method</i>	ASTM D3228	150
213	<i>Determination of cold filter plugging point - Linear cooling bath method</i>	EN ISO 16329	80
214	<i>Methods for Cone Penetration of Lubricating Grease</i>	ISO 2137, ASTM D937 ASTM D217 / IP 50	140
215	<i>Determination of manganese and iron content in diesel - Inductively coupled plasma optical emission spectrometry (ICP OES) method</i>	EN 16576	175
216	<i>Method for salts in crude oil (electrometric method)</i>	ASTM D3230,IP 265	105
217	<i>Determination of colour - Lovibond tintometer method</i>	IP 17	95
218	<i>Determination of colour in Lovibond units – Automatic method</i>	IP 569	95
219	<i>Determination of vapour pressure by Reid method</i>	ASTM D323	135
220	<i>Determination of aluminium, silicon, vanadium, nickel, iron, calcium, zinc and sodium in residual fuel oil by ashing, fusion and atomic absorption spectrometry</i>	IP 470	280
221	<i>Method for Characteristic Groups in Rubber Extender and Processing Oil and Other Petroleum-Derived Oils by the Clay-Gel Adsorption Chromatographic Method</i> <i>- Procedure Removal of Asphaltenes</i>	ASTM D2007	255  110
222	<i>Method for Separation of Representative Aromatics and Nonaromatics Fractions of High-Boiling Oils by Elution Chromatography</i>	ASTM D2549	160
223	<i>Animal and vegetable fats and oils – Determination of polyethylene polymers</i>	ISO 6656	160
224	<i>Diesel engines – NOx reduction agent AUS 32</i> <i>Test methods :</i> <i>- Urea content</i> <i>- Refractive index at 20 °C</i> <i>- Alkalinity as NH<sub>3</sub></i> <i>- Biuret content</i> <i>- Aldehyde content</i> <i>- Insoluble matter content</i> <i>- Phosphate content</i> <i>- Trace element content by ICP-OES :</i> <i>Aluminium; Calcium; Iron; Copper; Zinc; Chromium; Nickel; Magnesium; Sodium; Potassium</i>	ISO 22241-1; -2	270 85 75 120 130 60 125 415
225	<i>Standard Test Method for Refractive Index and Refractive Dispersion of Hydrocarbon Liquids</i>	ASTM D1218	75

226	<i>Standard Test Method for Freezing Point of Aqueous Engine Coolants</i>	ASTM D1177	90
227	<i>Standard Test Methods for Detecting Glycol-Base Antifreeze in Used Lubricating Oils</i>	ASTM D2982	105
228	<i>Standard Test Method for Density or Relative Density of Engine Coolant Concentrates and Engine Coolants By The Hydrometer</i>	ASTM D1122	30
229	<i>Standard Test Method for Boiling Point of Engine Coolants</i>	ASTM D1120	85
230	<i>Standard Test Method for Percent Ash Content of Engine Coolants</i>	ASTM D1119	95
231	<i>Standard Test Methods for pH of Water</i>	ASTM D1293	60
232	<i>Standard Test Method for pH of Engine Coolants and Antirusts</i>	ASTM D1287	60
233	<i>Standard Test Method for Analysis of Engine Coolant for Chloride (Sulfate) and Other Anions by Ion Chromatography</i>	ASTM D5827	150
234	<i>Standard Test Methods for Water in Engine Coolant Concentrate by the Karl Fischer Reagent Method</i>	ASTM D1123	75
235	<i>Standard Test Method for Reserve Alkalinity of Engine Coolants and Antirusts</i>	ASTM D1121	80
236	<i>Standard Test Method for Trace Chloride Ion in Engine Coolants</i>	ASTM D3634	140
237	<i>Standard Test Method for Silicon in Engine Coolant Concentrates by Atomic Absorption Spectroscopy</i>	ASTM D6129	160
238	<i>Standard Test Method for Foaming Tendencies of Engine Coolants in Glassware</i>	ASTM D1881	115
239	<i>Standard Test Method for Determination of Silicon and Other Elements in Engine Coolant by Inductively Coupled Plasma-Atomic Emission Spectroscopy</i>	ASTM D6130	290
240	<i>Standard Test Method for Corrosion Test for Engine Coolants in Glassware</i>	ASTM D1384	310
241	Etanooli ja vee lahuse tiheduse määrtmine / <i>Determination of density of ethanol - water Solution</i>	EC määrus 2870/2000 / EC regulation No 2870/2000	30
242	<i>Method of determination the content of aromatic constituents in products with a distillation end point exceeding 315°C</i> Procedure 1 Procedure 2	EC 2019/C 0/01 Ch 27 Annex A Explanatory notes to the Combined Nomenclature of the European Union	440 220
243	<i>Standard Test Methods for Electrical Conductivity and Resistivity of Water</i>	ASTM D1125	90
244	<i>Standard Test Method for Determination of Individual Components in Spark Ignition Engine Fuels by 100-Metre Capillary High-Resolution Gas Chromatography</i>	ASTM D6729, ASTM D6730	385
245	<i>Determination of components by infrared spectrometry</i>	AN/FTIR-ATR	260
246	<i>Determination of hydrocarbons in the waste water</i>	Gravimetric method	145
247	<i>Standard Test Method for Congealing Point of Petroleum Waxes, Including Petrolatum</i>	ASTM D938	110
248	Etanooli ja vee lahuse mahu määrtmine / <i>Determination of volume of ethanol – water solution</i>	OIML R22	90
249	<i>Determination of low level metallic elements in vacuum gas oil/waxy distillates – Flame atomic absorption spectrophotometry (AAS) or inductively coupled plasma-emission spectrophotometry (ICP-ES) method</i>	IP 621 (IP PM CW:04)	280
250	<i>Standard Test Method for Determination of Organic Chloride Content in Crude Oil</i>	ASTM D4929(A)	230
251	<i>Total, Inorganic, and Organic Chloride in Hydrocarbons</i>	UOP Method 588	350
252	<i>Chloride in Petroleum Distillates by Microcoulometry</i>	UOP 779	130

253	<i>Trace Chloride, Fluoride, and Bromide in Liquid Organics by Combustion Ion Chromatography (CIC)</i>	UOP 991	250
254	<i>Standard Test Method for Melting Point of Petroleum Wax (Cooling Curve)</i>	ASTM D87	85
255	<i>Standard Test Method for Oil Content of Petroleum Waxes</i>	ASTM D721	110
256	<i>Petroleum waxes -- Determination of oil content</i>	ISO 2908	110
257	<i>Diene Value by Maleic Anhydride Addition Reaction</i>	UOP 326-08	95
	<i>Diene Value &gt; 1,2</i>	UOP 326-17	200
	<i>Diene Value &lt; 1,2</i>		660
258	<i>Standard Test Methods for Aniline Point and Mixed Aniline Point of Petroleum Products and Hydrocarbon Solvents</i>	ASTM D611 ISO 2977	90
259	<i>Standard Test Method for Peroxide Number of Aviation Turbine Fuels</i>	ASTM D 3703	110
260	<i>Standard Test Methods for pH of Water</i>	ASTM D1293	55
261	<i>Standard Test Method for Trace Nitrogen in Liquid Hydrocarbons by Syringe/Inlet Oxidative Combustion and Chemiluminescence Detection</i>	ASTM D4629	100
262	<i>Standard Test Method for Detection of Copper Corrosion from Lubricating Grease</i>	ASTM D4048	85
263	<i>Determination Xylene Equivalent</i>	BP-230	140
264	<i>Determination Toluene Equivalent</i>	EXXON 79-004	150
265	<i>State of Peptization of Asphaltenes in Heavy Oil Streams (P - Value)</i>	SMS 1600	130
266	<i>Mineral insulating oils - Methods for the determination of 2-furfural and related compounds</i>	IEC 61198	195
267	<i>Determination of mercury in burner fuels derived from waste mineral oils – Combustion, amalgamation, cold vapour atomic absorption spectrometry method</i>	IP 594	200
268	<i>Phenols and Thiophenols in Petroleum Products by Spectrophotometry</i>	UOP262	155
269	<i>Test Method for Drop Melting Point of Petroleum Wax, Including Petrolatum</i>	ASTM D127	105
270	<i>Liquid petroleum products - Determination of the sulfur content in Ethanol (E85) automotive fuel- Wavelength dispersive X-ray fluorescence spectrometric method</i>	EN 16997	90
271	<i>Determination of hydrogen sulfide in fuel oils – Rapid liquid phase extraction method</i>	IP 570	195
272	<i>Animal and vegetable fats and oils - Determination of copper, iron and nickel contents - Graphite furnace atomic absorption method</i>	EN ISO 8294	300
273	<i>Дизельное топливо. Метод определения коэффициента фильтруемости / Motor fuel. Determination of the filterability factor</i>	ГОСТ 19006	80
274	<i>Standard Test Method for Sodium in Water by Atomic Absorption Spectrophotometry</i>	ASTM D4191	180
275	<i>Animal and vegetable fats and oils - Determination of alkalinity</i>	EN ISO 10539	95
276	<i>Standard Test Method for Sulfate Ion in Water</i>	ASTM D516	120
277	<i>Standard Test Method for Determination of Benzene, Toluene, Ethylbenzene, p/m-Xylene, o-Xylene, C9 and Heavier Aromatics, and Total Aromatics in Finished Gasoline by Gas Chromatography</i>	ASTM D5580	195
278	<i>Animal and vegetable fats and oils — Determination of anisidine value</i>	ISO 6885	145
279	<i>Standard Test Method for Nitrogen in Liquid Hydrocarbons, Petroleum and Petroleum Products by Boat-Inlet Chemiluminescence</i>	ASTM D5762	110

280	<i>Standard Test Method for Measurement of Fuel System Icing Inhibitors (Ether Type) in Aviation Fuels (FSII)</i>	ASTM D5006	85
281	<i>Standard Test Method for Insolubles in Used Lubricating Oils</i>	ASTM D893	100
282	<i>Determination of Denatonium Benzoate in Alcoholic Products by HPLC-UV</i>	ILIADe code 280   CLEN Method	130
283	<i>Determination of Isopropyl Alcohol and Methyl Ethyl Ketone in Alcoholic Products by GC-FID</i>	ILIADe 453:2019   CLEN Method	170
284	<i>Method Determination of Ethanol in Alcoholic Products by GC-FID</i>	ILIADe 143:2021   CLEN	170
285	<i>Standard Test Method for Trace Metals in Gas Turbine Fuels by Atomic Absorption and Flame Emission Spectroscopy</i>	ASTM D3605	250
286	<i>Standard Test Method for Determination of Trace Elements in Middle Distillate Fuels by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES)</i>	ASTM D7111	275
287	<i>Determination of the existent gum content of aviation turbine fuel – Jet evaporation method</i>	IP 540	85
288	<i>Determination of the level of cleanliness of aviation turbine fuel — Portable automatic particle counter method</i>	IP 565	125
289	<i>Standard Test Method for Sizing and Counting Particles in Light and Middle Distillate Fuels, by Automatic Particle Counter</i>	ASTM D7619	125
290	<i>Determination of denaturing additives in ethyl alcohol</i>	COMMISSION IMPLEMENTING REGULATION (EU) 2018/1880 of 30 November 2018	430
291	<i>Standard Test Method for Determination of Vapor Pressure (VPX) of Petroleum Products, Hydrocarbons, and Hydrocarbon-Oxygenate Mixtures (Triple Expansion Method)</i>	ASTM D6378	70
292	<i>Standard Test Method for Determination of Copper in Jet Fuels by Graphite Furnace Atomic Absorption Spectrometry</i>	ASTM D6732	85
293	<i>Standard Test Method for Bromine Index of Petroleum Hydrocarbons by Electrometric Titration</i>	ASTM D2710	125

#### Täisanalüüside hinnakiri/ Full test pricelist

No	Test	Method	Price (EUR)
1	Bensiini täisanalüüs / <i>Automotive fuels – Unleaded petrol (full test)</i>	EN 228	605
1a	Bensiin - Sissetuleva kauba esmane kontroll / <i>Incoming inspection petrol</i>	EN 228	300
2	Diislikütuse täisanalüüs / <i>Automotive fuels – Diesel (full test )</i>	EN 590	595
2a	Diislikütus - Sissetuleva kauba esmane kontroll / <i>Incoming inspection diesel</i>	EN 228	300
3	Biodiislikütuse (FAME) täisanalüüs / <i>Fatty acid methyl esters (FAME) for use in diesel engines and heating applications (full test)</i>	EN 14214	660
4	Mootorikütused. Etanool mootoribensiini segukomponendina täisanalüüs / <i>Automotive fuels - Ethanol as a blending component for petrol (full test)</i>	EN 15376	550
5	Mootorikütused. Etanoolkütus (E85) täisanalüüs / <i>Automotive fuels - Automotive ethanol (E85) fuel ( full test)</i>	EN 15293	660
6	Kerge ja raske kütteõli täisanalüüs / <i>Fuel oil (full test )</i>	Keskkonnaministri määrus nr.45, 21.06.2013	725

7	<i>Petroleum products - Fuels (class F) - Specifications of marine fuels (full test)</i>	ISO 8217	740
8	Reaktiivkütus täisanalüüs / <i>Aviation Turbine Fuels - Jet (full test)</i>	DEF STAN 91-91; ASTM D1655	880
9	Lennukibensiin täisanalüüs / <i>Aviation Gasoline (full test)</i>	DEF STAN 91-90; ASTM D910	770
10	Automotive fuels - Paraffinic diesel fuel from synthesis or hydrotreatment (HVO) - Requirements and test methods	EN 15940	550
11	Vastavushindamine ja sertifikaadi väljastamine		220

<b>Inspeksiooni hinnad / Inspection price list</b>			
<b>No</b>	<b>Test</b>	<b>Method</b>	<b>Price (EUR)</b>
1	Koguste määramine/arvutamine / <i>Quantity measurement</i> Naftasaadused / <i>Petroleum products</i> Põlevkiviõli / <i>Shale oil</i> Rasvhapete metüülestrid (FAME) / <i>Fatty acid methyl esters (FAME)</i> Loomsed ja taimsed rasvad ja õlid / <i>Animal and vegetable fats and oils</i> Vedelad tööstuslikud kemikaalid / <i>Liquid hydrocarbons</i>	API MPMS Ch.12.1.1. Calculation of Petroleum Quantities - Calculation of Static Petroleum Quantities - Upright Cylindrical Tanks and Marine Vessels. API MPMS Ch.12.1.2. Calculation of Petroleum Quantities - Calculation of Static Petroleum Quantities – Calculation Procedures for Tank Cars. API MPMS Chapter 11.1 ; ASTM D1250; IP 200/08 Standard Guide for Use of the Petroleum Measurement Tables ASTM D1555M Standard Test Method for Calculation of Volume and Weight of Industrial Aromatic Hydrocarbons and Cyclohexane [Metric]	65
2	Sügavuste mõõtmine mahutites / <i>Gauging</i> Naftasaadused / <i>Petroleum Product</i> Põlevkiviõli / <i>Shale oil</i> Rasvhapete metüülestrid (FAME) / <i>Fatty acid methyl esters (FAME)</i> Loomsed ja taimsed rasvad ja õlid / <i>Animal and vegetable fats and oils</i> Vedelad tööstuskemikaalid / <i>Liquid hydrocarbons</i>	API MPMS Ch.3.1A - Tank Gauging. Standard Practice for the Manual Gauging of Petroleum and Petroleum Product	55
3	Temperatuuri mõõtmine elektroonilise termomeetriga / <i>Static temperature determination using portable electronic thermometers</i> Naftasaadused / <i>Petroleum products</i> Põlevkiviõli / <i>Shale oil</i> Rasvhapete metüülestrid (FAME) / <i>Fatty acid methyl esters (FAME)</i> Loomsed ja taimsed rasvad ja õlid / <i>Animal and vegetable fats and oils</i> Vedelad tööstuskemikaalid / <i>Liquid hydrocarbons</i>	API MPMS Ch.7. Temperature Determination. ISO 4268 Petroleum and liquid petroleum products - Temperature measurements – Manual method	55
4	Koguste mõõtmine raudtee mahutites / <i>Gauging in tank cars</i> Naftasaadused / <i>Petroleum products</i> Põlevkiviõli / <i>Shale oil</i> Rasvhapete metüülestrid (FAME) / <i>Fatty acid methyl esters (FAME)</i> Loomsed ja taimsed rasvad ja õlid / <i>Animal and vegetable fats and oils</i> Vedelad tööstuskemikaalid / <i>Liquid hydrocarbons</i>	API MPMS Ch.3.2. Tank gauging. Standard Practice for Gauging Petroleum and Petroleum Products in Tank Cars. Таблицы калибровки железнодорожных цистерн / <i>Tables of calibration tank wagons.</i> Утв. Департ. Вагон. Хозяйства. МПЦ России 2003	35

5	Vedelike mahu ja massi mõõtmine autotsisternis / <i>Measurement of liquid mass and volume in road tanks</i>	OIML R80 Edition 1989 (E) Road and rail tankers. Annex 1; Measurement of liquid mass and volume in road tanks.	35
6	Koguste määramine laevamahutites / <i>Quantity measurement on Board Tank Vessels</i> Naftasaadused / <i>Petroleum products</i> Põlevkiviõli / <i>Shale oil</i> Rasvhapete metüülestrid (FAME) / <i>Fatty acid methyl esters (FAME)</i> Loomsed ja taimsed rasvad ja õlid / <i>Animal and vegetable fats and oils</i> Vedelad tööstuskemikaalid / <i>Liquid hydrocarbons</i>	API MPMS. Ch.17.2. Manual of Petroleum Measurement Standards. Marine Measurement. Measurement of Cargoes On Board Tank Vessels. API MPMS Ch.17.4. Manual of Petroleum Measurement Standards. Marine Measurement. Method for Quantification of Small Volumes on Marine Vessels (OBQ/ROB)	1400
7	Nafta ja naftasaaduste mõõtmine arvestiga ja arvutus mahule 15°C juures / <i>Calculation of Petroleum Quantities Using Dynamic Measurement Methods</i>	API MPMS : Ch. 5, Ch.12.2.1 , Ch.12.2.2 , Ch.13.2; EVS-EN ISO 4267-2	0,05/m <sup>3</sup>
8	Kauba massi mõõtmine kaalumiseega / <i>Mass measurement by weighing</i>	EVS 745 Kauba ja materjali massi mõõtmine kaalumiseega. Mõõtemetoodika / <i>Goods and materials mass measurement by weighing. Measurement method</i>	250
9	Proovivõtmine / <i>Sampling</i> Naftasaadused / <i>Petroleum products</i> Vedelad tööstuskemikaalid / <i>Liquid hydrocarbons</i> Rasvhapete metüülestrid (FAME) / <i>Fatty acid methyl esters (FAME)</i> Põlevkiviõli / <i>Shale oil</i> Loomsed ja taimsed rasvad ja õlid / <i>Animal and vegetable fats and oils</i>	API MPMS Ch.8.1. Standard Practice for Manual Sampling of Petroleum and Petroleum Products. EN ISO 3170 Petroleum liquids - Manual sampling. ASTM D4057 Petroleum and petroleum products. Manual sampling. EN 14275 Automotive fuels – Assessment of petrol and diesel fuel quality – Sampling from retail site pumps and commercial site fuel dispensers. EN ISO 5555 Animal and vegetable fats and oils – Sampling	20
10	Etanooli mahu ja massi koguse mõõtmine ja arvutamine / <i>Ethanol measurement, calculation of the volume and quantity</i> Alkoholid, alkoholilahused, vee ja etanooli lahus, vee ja alkoholi segu / <i>Alcohols, alcoholic solutions, water and ethanol solution, mixture of water-alcohol</i>	Etanooli sisalduse määramine tiheduse kaudu kasutades OIML R22 tabelit / <i>Strength and density calculations based on OIML R22</i>	55

Lisa info:

Mittekajastatud käesolevas hinnakirjas analüüside hinnad esitakse päringu alusel.

Juhul, kui objekt asub Tallinnast väljaspool, lisandub ühiku hinnale transpordikulu 0,85 euro/km.

**Käesolevas hinnakirjas toodud hinnad ei sisalda käibemaksu.**

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