

AM

AM 12

Determination of hydrogen sulfide AM12A



T2767

Absorption vessel AM12B

ASTM D-36

Softening point by Ring & Ball

3600	Beaker 600 ml
3601	Beaker 90x125mm

ASTM D-70

Density and relative density of liquids by Hubbart pycnometer



7025	Pycnometer acc. To Hubbart, 25 ml, uncalibrated
7050	Pycnometer acc. To Hubbart, 50 ml, uncalibrated



8607	Ceramic glass flask support 100 x 100 x Ø 25 mm
8608	Ceramic glass flask support 100 x 100 x Ø 32 mm
8609	Ceramic glass flask support 100 x 100 x Ø 38 mm
8610	Ceramic glass flask support 100 x 100 x Ø 50 mm
8680	Ceramic glass flask support 117 x 117 x Ø 25 mm
8681	Ceramic glass flask support 117 x 117 x Ø 32 mm
8682	Ceramic glass flask support 117 x 117 x Ø 38 mm
8683	Ceramic glass flask support 117 x 117 x Ø 50 mm
8611	Ceramic glass flask support 150 x 150 x Ø 25 mm
8612	Ceramic glass flask support 150 x 150 x Ø 32 mm
8613	Ceramic glass flask support 150 x 150 x Ø 38 mm
8614	Ceramic glass flask support 150 x 150 x Ø 50 mm
8619	Ceramic glass flask support 160 x 160 x Ø 25 mm
8620	Ceramic glass flask support 160 x 160 x Ø 32 mm
8621	Ceramic glass flask support 160 x 160 x Ø 38 mm
8622	Ceramic glass flask support 160 x 160 x Ø 50 mm
8691	Ceramic glass flask support 175 x 175, hole Ø 100 mm
8688	Ceramic glass flask support 175 x 175, hole Ø 38 mm
8689	Ceramic glass flask support 175 x 175, hole Ø 50 mm
8684	Ceramic glass flask support 180 x 180 x Ø 25 mm
8685	Ceramic glass flask support 180 x 180 x Ø 32 mm
8686	Ceramic glass flask support 180 x 180 x Ø 38 mm
8687	Ceramic glass flask support 180 x 180 x Ø 50 mm
8632	Flask 100 ml, acc. To E-133 with NS 19
8698	Flask 100 ml, NS 19, Quarzglass
8640	Flask 100 ml_Optidist. PAC 2201-004-003
8631	Flask 125 ml for Haage autodest.
8604	Flask 125 ml, acc. To E-133
8617	Flask 125 ml, acc. To E-133 with NS 19
8618	Flask 125 ml, acc. To E-133 with NS 19 and marking
8699	Flask 125 ml, acc. To E-133 with NS 19. Quarzglass !
8616	Flask 125 ml, acc. To E-133, with marking
8672	Flask 125 ml, ADU4, with NS 19/26, Quarzglass, with marking
8697	Flask 125 ml, NS 19, marking, Quarzglass
8633	Flask 125 ml, PAC 2201-004-0012

8634	Flask 125 ml, PAC 2201-004-0012, Quarzglass!
8696	Flask 125 ml_acc_To E-133_ Quarzglass
8606	Flask 250 ml, acc. To E-133
8635	Flask 250 ml, acc. To E-133 with NS 19
8638	Flask 250 ml, acc. To E-133 with NS 19 and marking
8674	Flask 250ml, ADU4, with NS 19/26, Quarzglass, with marking
8675	Flask 250ml, ADU4, with NS 19/26, with marking
8615	Glass beaker Ø 85 x250 mm
8637	Maatcilinder 10 ml
8626	Measuring cilinder (100 ml) for Haage autodeest.
8627	Measuring cilinder (100 ml) for Herzog (PAC) glass only
8623	Measuring cilinder (100 ml) for ISL autodeest.
8636	Measuring cilinder (100 ml) for Optidist
8678	Measuring cilinder (100 ml) for Orbis autodeest.
8639	Measuring cilinder 5ml:0,1ml
8601	Measuring cilinder,100 ml Crow type
8602	Measuring cilinder,100 ml with base
8600	Measuring cilinder,100 ml without base
8630	Measuring cilinder,200 ml with base
8628	Silicone stopper 10.5x14.5 with hole Ø 7 mm
8629	Silicone stopper 18 x 14 with hole Ø 7 mm for 250 ml
8625	Silicone stopper 22x17 with hole Ø 7 mm
8624	Thermometerholder, PTFE, for flasks with NS 19

## ASTM D-87

Melting point of petroleum wax



8701	Air/water bath
8700	Test tube 25x100mm with line at 51mm

## ASTM D-91

Precipitation number of lubricating oils



9100	Centrifuge tube, cone shaped, 36 x 200 mm
------	---



ASTM D-94

Saponification number of petroleum products



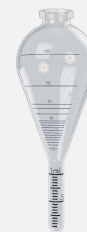
9401	Condensor, 400mm, 1 x NS29
9400	Saponification flask



9506	Condensor 500 mm, 1 x NS 29
9500-19	Condensor, 400 mm, NS 19
9500-2440	Condensor, 400 mm, NS 24/40
9500	Condensor, 400 mm, NS 29
9500-24	Condensor_400 mm. NS 24
9551	Flask 1000 ml, NS 29
9550	Flask 500 ml, NS 29
9550-2440	Flask 500 ml_NS 24/40
9541	Heater 1 position 220V/ 500W
9542	Heater 2 positions 220V/1000W
9543	Heater 3 positions 220V/1500W
9544	Heater 4 positions 220V/2000W
9511	Receiver 10 ml: 0.1 with stopcock, 2 x NS29
9510	Receiver 10 ml: 0.1, 2 x NS29
9503	Receiver 2,5 ml: 0.05, 2 x NS29, Style F
9526	Receiver 25 ml: 0.2 with stopcock, 2 x NS29
9525	Receiver 25 ml: 0.2, 2 x NS29
9505	Receiver 5 ml: 0.05, 2 x NS29
9549	Rings for heater (1 per pos.)
9560	Stand 200x130 incl. clamps
9503-2425	Trap 2.5 ml: 0.025 ml_2 x NS24/40
9505-2424	Trap 5 ml: 0.05 ml_2 x NS24. style E
9510-2424	Trap 10 ml: 0.1 ml_2x NS24_ Style A
9512	Trap 10 ml: 0.1 ml_with stopcock. 2 x NS24
9510-2425	Trap 10ml: 0.1ml_2x NS24/40_ Style A
9510-1924	Trap 10ml:0,1ml, socket NS19 Cone NS24
9503-1429	Trap 2,5ml:0,025ml, socket NS14,5 Cone NS29
9503-1924	Trap 2,5ml:0,025ml, socket NS19 Cone NS24
9503-2424	Trap 2,5ml:0,025ml, socket NS24 Cone NS24
9525-1919	Trap 25 ml: 0.2 ml, 2 x NS19
9525-2424	Trap 25 ml: 0.2 ml_2 x NS29. Style B
9505-1429	Trap 5 ml: 0.05 ml, socket NS14, cone NS29
9505-2425	Trap 5 ml: 0.05 ml_2 x NS24/40
9505-1924	Trap 5ml:0,05ml, socket NS19 Cone NS24

## ASTM D-96

Water and sediment in crude oil by centrifuge method



9610	Centrifuge tube, cone shaped, 36 x 200 mm
9612	Centrifuge tube, cone shaped, 44 x 160 mm
9611	Centrifuge tube, pear shaped, 0-1,5 ml:0,1
9613	Centrifuge tube, pear shaped, 0-1 ml:0,05
9614	Centrifuge tube, pear shaped, 0-3 ml:0,1
9615	Centrifuge tube 100 ml, conical 44x170 mm with GL25 screwcap
9618	Rack for 12 centrifuge tubes 9610
9626	Rack for 4 centrifuge tubes 9611, 9613, 9614
9619	Rack for 6 centrifuge tubes 9612 / 9615_PMMA
9620	Silicon stoppers (50)

## ASTM D-97

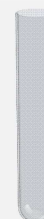
Pour point of petroleum products






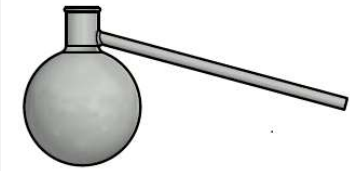
9704	Cloud / Pour Point tube_half volume
9713	Connector GL32/thermometer (POM)
9700	Pour point tube
9701	Pour point tube with welded on bottom
9712	PP tube with GL32 screwthread
9718	Rack for 12 Pour/Cloud/ CFPP tubes, PMMA
9702	Silicon stopper 29x35x30mm, hole 6 mm

## ASTM D-130

Detection of copper corrosion from petroleum products by the copper strip tarnish test



13002	Copper strip (99.9%)
13004	Flat viewing tube
13008	Lid and hook for test vessel 13003
13001	Test tube
13005	Test tube 28x1,4x150 mm
13007	Test tube 28x1,4x150 mm with rim
13006	Test tube with rim
13003	Test vessel (SS) with works certificate

<b>ASTM D-156</b>	
Saybolt color of petroleum products	
15600	Oil sample color tube
<b>ASTM D-187</b>	
burning quality of kerosine	
	
18700	Glass for test lamp
<b>ASTM D-189</b>	
Conradson carbon residue of petroleum products	
18900	Porcelain crucible 29 ml
<b>ASTM D-322</b>	
Gasoline diluent in used gasoline engine oils by distillation	
	
32202	Flask 1 ltr, NS 24
32201	Liebig condensor 400 mm, NS 24
32200	Receiver 5 ml
32203	Receiver 5 ml, 2x NS24/40
<b>ASTM D-381</b>	
Existent gum in fuels by jet evaporation	
	
38101	Filter funnel 150 ml, P0
38100	Gum beaker
<b>ASTM D-402</b>	
Distillation of Cutback Asphaltic (Bituminous) Products	
	
40201	Distillation flask

# ASTM D-445

Kinematic viscosity of transparant and opaque liquids



44502	Brass filter cup
44506	Filter for cannon automatic viscometer (SS)
44501	glass beaker for brass filter cup

## ASTM D-446

Glass capillary kinematic viscometers



44698	Ct factor for Cannon Fenske OL/TL
44622	Holder, stainless steel for BS suspense level
44621	Holder, stainless steel for BS U-tube miniature
44609	Holder, stainless steel for Cannon Fenske O
44612	Holder, stainless steel for Cannon fenske R
44620	Holder, stainless steel for Ostwald RF/BS
44624	Holder, stainless steel for Pinkevitch
44610	Holder, stainless steel for Ubbelohde
44697	Repair viscometer, without factory certificate
44699	Repair viscotube with factory certificate
44678	Si stopper for Cannon Fenske, po 50
44677	Si stopper for ubbelohde, po 20
44695	Stand for draining viscometers, Stainless steel
44600	Viscometer Atlantic
44607	Viscometer BS U-tube RF with factory certificate
44601	Viscometer BS U-tube with factory certificate
44602	Viscometer CF O with factory certificate
44602-NC	Viscometer CF O without factory certificate
44603	Viscometer CF R with factory certificate
44603-NC	Viscometer CF R without factory certificate
44604	Viscometer CM TL with factory certificate
44611	Viscometer DIN 53117 with factory certificate
44616	Viscometer Pinkevitch TL with factory certificate
44605	Viscometer SIL TL with factory certificate
44606	Viscometer Ubbelohde with factory certificate
44606-1	Viscometer Ubbelohde without certificate
44617	Viscometer ubbelohde, Schott model
44615	Viscometer U-tube TL with factory certificate

## ASTM D-473

Sediment in crude oils and fuel oils by the extraction method



47305 Alumina extraction thimble

47302 Condensor

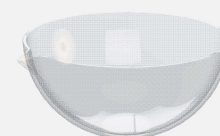
47301 Extraction flask

47303 Water cup

47304 Wire support

## ASTM D-482

Ash from petroleum products



48201 Ash crucible 120 ml (porcelan)

48202 Ash crucible, Quarz glass 90ml

48203 Ash crucible\_60ml Porcelan

## ASTM D-483

unsulfonated residue of petroleum plant spray oils

48300 Sulfonation Flask, Standard

## ASTM D-501

Sampling and Chemical Analysis of Alkaline Detergents

120906 Rack, PMMA for 12 tubes 120900/120901

## ASTM D-524

Ramsbottom carbon residue of petroleum products



52400 Ramsbottom coking bulb

52401 Sample charging syringe 5ml with 17G needle

ASTM D-525

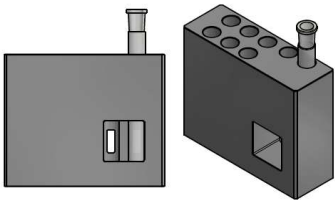
Oxidation stability of gasoline



52501	Lid for sample container
52502	O-ring (set of 10)
52500	Sample container

ASTM D-565

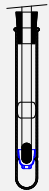
Carbonizable substances in white mineral oils



56500	Color comparator
56501	Color comparator; test tube

ASTM D-566

Dropping point of lubricating grease



56600	Complete; metal rod_ top kork_ spacer ring_ test tube
56601	Test tube
56605	Top cork & spacer ring

ASTM D-611

Aniline point and mixed aniline point of petroleum products and hydrocarbon solvents

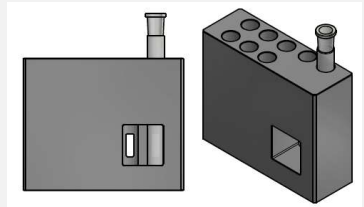


61121	Aniline-Point Tube Method C
61131	Bulb 1.5-2ml Method D
61100	Jacket tube, method A
61102	Stirrer
61104	Stopper, hole 8 mm, hole 3 mm
61103	Stopper, Si for jacket tube 25mm
61101	Test tube, method A
61105	Test tube_Method A_26x1,4x150mm
61111	Tube for method B, Diam. 36mm



## ASTM D-612

carbonizable waxes in paraffin wax



61200	Color comparator
61201	Color comparator test tube

## ASTM D-665

Rust preventing characteristics of inhibited mineral oil in the presence of water



66504	Beaker lid (PTFE)
66500	Beaker Ø70 OD x 130mm
AS66507	Beaker Ø70mm x 130 with 2 baffles
66503	Beaker Ø75 x 133mm
66508	Beaker Ø75 x 133mm with 2 baffles
66501	Lid for beaker
6509	Rust test specimen (excl. holder)
66510	Specimen holder (PTFE)
66502	Stirrer, glass
66505	Stirrer, SS

## ASTM D-721

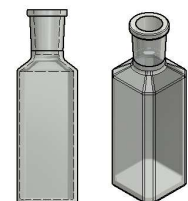
Oil content of petroleum wax



72101	Cooling tube
72100	Filterstick
72103	Veertjes tbv slijpstuk (2 stuks)

## ASTM D-848

Color by acid wash



84800	Acid wash color bottle for standards, french square
84801	Acid wash color flask, round
84802	Acid wash color test bottle, french square

## ASTM D-849

Copper corrosion of industrial aromatic hydrocarbons



84905	Condensor 300 mm with kork for 250 ml flask
84901	Condensor 300 mm, NS 29
84902	Copper strip (99.9%) with hole
84915	Copper wire, soft 0.5 mm
84900	Flask FB, 250 ml, NS 29
84906	Flask, flat bottom, 250 ml
84910	Waterbath incl. rod & 2 clamps

## ASTM D-850

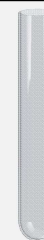
Standard distillation of petroleum



85005	Dest. Flask 200 ml, NS 19
85002	Dest. Flask 200 ml, NS 24
85006	Dest. kolf 200 ml tbv Optidist
85007	Dest_Flask 200 ml with NS24 and marking_Quarzglass
85000	Flask 200 ml acc. To E-133
85001	Flask 200 ml with GL 32 screwthread
85003	Silicone stopper 24 x 18 with hole Ø 7 mm

## ASTM D-852

Solidification Point of Benzene



85202	Air jacket
85205	air jacket with GL 32 screwthread incl. PLA screwcap
85201	Benzene container for air jacket
85204	Benzene container with GL 18 screwthread
85213	Benzene container, thick walled
85211	Si stopper for benzene container
85212	Si stopper for thick walled benzene container
85203	Stirrer, stainless steel

## ASTM D-874

Sulfated Ash from Lubricating Oils and Additives

87402                      Crucible 150 ml, porcelain

87401                      Crucible 90 ml, porcelain

## ASTM D-889

Volatile oil in rosin

88900                      Receiver 5 ml

## ASTM D-892

Foaming characteristics of lubricating oils



89206                      Air inlet tube without diffuser

89201                      Cilinder 1000 ml with GL45 screwthread

89200                      Cilinder 1000 ml with glass base

89209                      Cilinder 1000 ml without glass base

89210                      Cilinder 1000 ml without glass base with NS 45

89203                      Cilinder 1000ml for Tannas Foam Air Bath

89214                      Diffuser stainless steel version

89215                      Diffuser stainless steel version with certificate

89208                      Diffuser stone

89207                      Diffuser stone with certificate

89213                      Foam test cilinder Scavini

89204                      Glass tube 300x450

89202                      Holder for thermometer, stainless steel, for screwthr

89205                      Jar, 300 x 450 mm

89212                      Luchtvangbuis tbv foam test

89211                      Stopper, Si, with 2 holes 6 mm

## ASTM D-893

Insolubles in used lubricating oils



89300                      Centrifuge tube, cone shaped, 36 x 200 mm

## ASTM D-938

Congealing point of petroleum waxes



93801	Erlenmeijer flask 125 ml
93804	Stopper_ Cork with hole 6mm
93803	Stopper_silicon with hole 7mm
93802	Wax tube 70:0,1 ml with spout

## ASTM D-941

Density and relative density of liquids by Lipkin bicappilary pycnometer

94101	Holder for pycnometer
94100	Pycnometer, lipkin

## ASTM D-942

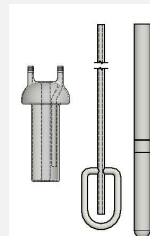
Oxidation stability of lubricating greases by the oxygen bomb method



94201	Heat resistant dish
-------	---------------------

## ASTM D-943

Oxidation characteristics of inhibited mineral oils



94300	Oxidation condensor
94300-GL14	Oxidation condensor with GL14 hose connections
94301	Oxidation delivery tube
94302	Oxidation test tube, 300ml
94303	Sample needle_SS with luerlock Length 75cm

## ASTM D-1018

Hydrogen in petroleum fractions



101805	Absorption bulbs (E)
101800	ASTM D1018 complete apparatus
101802	Burner Fig.1
101803	Cap Fig.1
101804	Chimney Fig.1
101809	Drierite (C)
101806	Drierite (F)
101801	Erlenmeijer 25 ml, NS 14, with hooks
101807	Scrubber (A)
101808	Surge chamber (B)

## ASTM D-1019

Discontinued 1986 , Replaced By No Replacement

101900	Sulfonation Flask, Standard
--------	-----------------------------

## ASTM D-1078

Standard distillation of petroleum



107804	Dest. Flask 200 ml, NS 19, Quarzglas
107803	Flask 200 ml, NS 19
107805	Flask 200ml_acc_To E-133_ Quarzglass
107801	Flask 200ml_E1405_TII_C1
107802	Stopper, Si, 24 x 18 x 8 mm

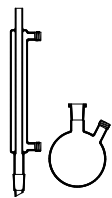
## ASTM D-1094

Water reaction of aviation fuels

109401	Graduated glass cilinder 100 ml, incl. stopper
--------	--

# ASTM D-1120

Boiling point of engine coolants



112001	Condensor 200 mm, 1x NS 19
112000	D-1120 setup_complete
112002	Flask 100 ml, NS 19, GL18

# ASTM D-1159

Bromine Numbers of Petroleum Distillates and Commercial Aliphatic Olefins by Electrometric Titration<sup>1</sup>



115901	Jacketed vessel 46mm ID x 120mm
115902	Jacketed vessel 46mm ID x 85mm

## ASTM D-1160

Distillation of petroleum products at reduced pressures



116013	Cold trap, large
116011	Cold trap, small
116052	Connector (glass) column>Pt100 Ø8mm/vacuum
116079	Connector (glass) column>Pt100/vacuum (incl. 116017)
116031	Dest flask for Pilodist_500ml
116015	Flask 1000 ml, KS 35/25, thermowell
116092	Flask 2000 ml_KS 35/25. thermowell. Quarzglass
116000	flask 500 ml, KS 35/25, thermowell
116021	Flask 500 ml, KS 35/25, thermowell, N2 purge
116018	Flask 500 ml, KS 35/25, thermowell, Quarzglass
116027	flask 500 ml, S35/25, 2x NS 14, Quarzglass
116019	Flask 500 ml, S35/25, 2x NS14 (Herzog)
116026	Flask 500ml, S35/25, NS14/23
116033	Glass stopper for vacuumcheck Pilodist S41/25
116012	Head trap
116007	Heating mantle
T2679	IJ-pce for extra vacuummeter Pilotdist D1160
116020	Insulating mantle 500 ml
116051	Melting point bath
116086	O-ring, viton for 19/9 joint (PO 10)
116085	O-ring, viton for 35/25 joint (PO 10)
116009	Pt 100 (column) for TM2, incl. vacuum connector
116016	Pt 100 (flask) for TM2
116003	Receiver 100 ml
116032	Receiver 10ml for Pilodist
116004	Receiver 200 ml
116029	Receiver 200 ml_S41/25_single wall_without division
116025	Receiver 200 ml_single wall_Divisions :2ml
116050	Receiver 500 ml:20 ml
116006	Safety cabinet
116010	Stand material & clamps for complete apparatus
116008	Temp. measuring unit (2 x readout), excl. Pt 100
116014	Vacuum connector
116017	Vacuum connector for Pt100 in column
116028	Vacuum connector for Pt100 in column GL18x3mmVacuum connect

116001	Vacuum jacketed column assembly
--------	---------------------------------

## ASTM D-1177

Freezing Point of Aqueous Engine Coolants



117702	Freezing point tube for FPT70
--------	-------------------------------

117701	Freezing tube
--------	---------------

## ASTM D-1209

Colour of clear liquids (Platinum-Cobalt scale)



120901	Nessler tube 100 ml
--------	---------------------

120900	Nessler tube 100 ml with cap stopper
--------	--------------------------------------

120904	Nessler tube 100 ml with pouring spout
--------	--

120902	Nessler tube 50 ml
--------	--------------------

120905	Rack, PMMA for 12 tubes 120902
--------	--------------------------------

120903	Stop tbv 120900
--------	-----------------

## ASTM D-1217

Density and Relative Density (Specific Gravity) of Liquids by Bingham Pycnometer



121701	Pycnometer Bingham-type 25 ml, not calibrated
--------	---

## ASTM D-1266

Sulfur in petroleum products (lamp method)



126606	Absorber
--------	----------

126604	Burner for aromatic samples
--------	-----------------------------

126605	Chimney
--------	---------

126603	Flask for aromatic samples
--------	----------------------------

126610	Pressure regulator
--------	--------------------

126615	Scrubber
--------	----------

126607	Spray trap
--------	------------

126602	Standard burner
--------	-----------------

126601	Standard flask
--------	----------------

126616	Trap
--------	------



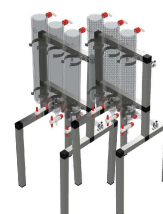
## ASTM D-1275

Corrosive Sulfur in Electrical Insulating Oils

127501	Bottle 250 ml, heavy wall incl. PTFE stopper
127502	Bottle, narrow neck with ground glass stopper. approx. 280ml

## ASTM D-1298

Density, relative density or API gravity of crude petroleum and liquid petroleum products by hydrometer method



129801	cilinder RB, 340 x 54 x 1.8 mm
129805	Cilinder with base 400 x 65 mm
129804	Cilinder with PTFE stopcock, double wall
129809	Cilinder with PTFE stopcock, double wall, L=485mm
129802	Cilinder with stopcock, double wall
129800	Cilinder with stopcock, single wall
129824	Compl stand for 3 dble wall PTFE Stopcockcilinders
129827	Compl stand for 6 dble wall PTFE Stopcockcilinders
129823	Complete stand for 3 double wall cilinders
129826	Complete stand for 6 double wall cilinders
129813	Dividing tube for 3 pce stand
129816	Dividing tube for 6 pce stand
129808	Platbodemicilinder 65x420 mm
129807	PTFE cover for tube 129802 or 129804
129803	Stand for 3 pcs of double wall cilinders
129806	Stand for 6 pcs of double wall cilinders

## ASTM D-1319

Hydrocarbon types in liquid petroleum products by fluorescent indicator adsorption



131902	FIA ; cleaning capillary
131901	FIA ; precision bore column
131906	FIA ; precision bore column with KS 13/2
131903	FIA ; standard column
131900	FIA _ analyser section tip_for precision bore colum 131906
131908	FIA Dyed Silica Gel (40 gr)
131904	FIA; analyser sections , for standard column
131909	Hypodermic syringe 1:0,02ml glass with luer lock w/o needle
131910	Needle 20Gx100mm (PO 10)
131905	top connection
131907	Vinyl tubing 1/8 (mtr)

## ASTM D-1363

Permanganate time of acetone and methanol



136300	Nessler tube 50 ml with cap stopper
136312	Rack, PMMA, for 12 tubes 136300

## ASTM D-1384

Corrosion test for antifreezes



138407	
138403	Aerator tube 12C
138413	Capillary tip bleed tube 8x310mm
138404	Condensor, coil type with NS29/32
138405	Condensor_400 mm NS 29
138409	Corrosion Coupon 30/70 solder coated
138406	Lid for vessel
138402	Testplate (set of 6)
138400	Vessel_double wall incl. clamp_O-ring & screwcaps
138401	Vessel_single wall incl. clamp_O-ring & screwcaps

## ASTM D-1401

water separability of petroleum oils and synthetic fluids



140102	Cilinder 100 ml, Height 240mm
140103	D1401 cilinder 100ml, for Scavini app

## ASTM D-1426

Ammonia Nitrogen In Water

142606	Adapter
142605	Condensor 400 mm, Liebig
142603	Glass stopper
142602	Injection Funnel
142607	Receiver 500 ml

## ASTM D-1429

Specific Gravity of Water and Brine

142925	Pycnometer conical_25 ml. calibrated. PO10
--------	--

## ASTM D-1480

Density an relative density of viscous materials by Bingham pycnometer



148012	Cleaner assembly
148013	Cleaner assembly for chromic acid
148011	Draw off needle
148015	Filling needle 170 mm, pack of 2
148016	Glass syringe 30 ml with luer lock
148010	Pycnometer Bingham 10 ml
148002	Pycnometer Bingham 2 ml
148025	Pycnometer Bingham 25 ml
148003	Pycnometer Bingham 3 ml
148005	Pycnometer Bingham 5 ml
148014	Thermal shields

## ASTM D-1481

Density and relative density of viscous materials by Lipkin bicappilary pycnometer

148101	Holder for pycnometer
148100	Pyknometer, Lipkin

## ASTM D-1493

Solidification Point of Industrial Organic Chemicals



149302	Air jacket
149305	Air jacket with GL45 screwthread
149300	D1493 setup consiting of sample/jacket tube/stirrer/stopper
149301	Sample container
149304	Sample container with GL25 screwthread
149307	Silicon stopper with 2 holes for sample container
149303	Stirrer, stainless steel

## ASTM D-1500

ASTM color of petroleum products



151030	Centrifuge tube with glass stopper 30ml, OD26mm
150001	Color sample container

## ASTM D-1541

Total iodine value of drying oils and their derivatives



154101	Iodine flask 250 ml
154102	Iodine flask 500 ml

## ASTM D-1544

Colour of transparent liquids (gardner colour scale)



154402	Tube 12 x 1 x 125 mm
154401	viscotube

## ASTM D-1607

Acidity or Alkalinity of Water

160701 Absorber

## ASTM D-1657

Density/Relative Density of Light Hydrocarbons by Pressure Thermohydrometer

165701 D-1657 Pressure Hydrometer Cylinder

## ASTM D-1686

Color of Solid Aromatic Hydrocarbons and Related Materials in the Molten State

168601 Colourtube 100ml with cap

## ASTM D-1722

Water miscibility of water soluble solvents

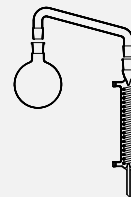


172200 Cilinder 250 ml

172206 Rack, PMMA, for 6 tubes 172200

## ASTM D-1783

Phenolic Compounds in Water



178302 Adapter 2 x NS 29

178303 Condensor, Graham type, 250 mm, 1 x NS 29

178301 Flask RB, 1 ltr, NS 29

## ASTM D-1796

water and sediment in fuel oils by centrifuge method



179600 Centrifuge tube, cone shaped, 36 x 200 mm

## ASTM D-1837

Volatility of liquefied petroleum gases



183700	Weathering Tube
183702	Weathering tube 100ml with screwcap

## ASTM D-1838

Copper strip corrosion by liquefied petroleum gases

183801	Test bomb for LPG (stanless steel)
--------	------------------------------------

## ASTM D-1881

Foaming tendencies of engine coolants in glassware



188101	Container 500 ml
188108	Diffuser stainless steel version with certificate
188102	Diffuser stone
188105	Diffuser stone with certificate
188106	Inlet tube for diffuser stone
188104	Stand & Clamp
188107	Stopcock_ 3-way PTFE
188103	Water bath

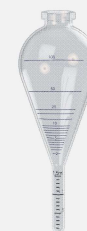
## ASTM D-1949

Discontinued 1991 , Replaced By No Replacement

194900	Complete dist. Apparatus
--------	--------------------------

## ASTM D-1966

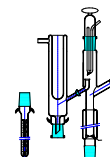
Foots in raw linseed oil (gravimetric method)



196600	Centrifuge tube, pear shaped, 0-1,5 ml:0,1
--------	--

## ASTM D-2001

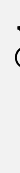
Depentanization of gasoline and naphthas



200101	Depentanization apparatus
200103	Light ends trap
200104	Receiver 12,5 ml
200102	Reflux cooler part for dist. column

## ASTM D-2002

Isolation of representative saturates fraction from low-olefinic naphthas



200202	Alternate Analytical Adsorption Column + KS 28/12
--------	---

## ASTM D-2007

Characteristic Groups by the Clay-Gel Absorption Chromatographic Method



200756	10 ml graduated cylinder
200710	Anticreep beaker 150 ml, diam. 57 mm
200711	Anticreep beaker 150 ml, diam. 58 mm
200755	Azobenzene percolation assembly
200712	Clay gel percolating column, 40-60µm, 1 x NS 24/40
200708	Clay gel percolating column, 40-60µm, 2 x NS 24/40
200720	Complete extraction app. With 24/40 joints
200723	Condensor, reflux, 1 x NS 24/40
200750	Erlenmeijer flask 500 ml, NS 24/40
200721	Flask 500 ml, 3 x NS 24/40
200707	PTFE Bellow, 2 x NS 24/40
200722	Vigreux column, 3 x NS 24/40

## ASTM D-2022

Sampling and Chemical Analysis of Chlorine-Containing Bleaches

202204	Centrifuge tube, cone shaped, 36 x 200 mm
202203	Condensor 300 mm, NS 24
202201	Flask 500 ml, S 35/25
202202	Vigreux column, K 35/25, NS 29

## ASTM D-2036

Cyanides in Water



203604	Absorber
203605	Clamp to connect condensor/absorber
203603	Condensor, Allihn type with O-ring (Viton)
203600	cyanide in water
203601	dest. flask 1 ltr, RB
203602	Inlet tube

## ASTM D-2042

Solubility of Asphalt Materials in Trichloroethylene

204205	Filter crucible 15ml P4, glass
204201	Filtrating flask 500ml
204202	Funnel for Gooch crucible
204204	Rubber sleeve for filter > funnel
204203	Stopper for flask > funnel

## ASTM D-2108

Color of Halogenated Organic Solvents and Their Admixtures (Platinum-Cobalt Scale)

210800	Nessler tube 100 ml with cap stopper
--------	--------------------------------------

## ASTM D-2158

Residues in Liquefied Petroleum (LP) Gases

215801	Centrifuge tube 100ml 36x200mm (PO 6)
215802	Centrifuge tube 100ml Kimble (PO 12)

## ASTM D-2170

Kinematic viscosity of asphalts

217010	Pipet for BS/IP/RF U-tube RF viscometer (50ml)
--------	--



## ASTM D-2171

Viscosity of Asphalts by Vacuum Capillary Viscometer



217100 Modified Koppers vacuum viscotube

## ASTM D-2272

Oxidation stability of oils by rotating bomb



227200 Rotating bomb

## ASTM D-2273

Trace Sediment in Lubricating Oils



227300 Centrifuge tube\_cone shaped cappilary tip 0.01:0.005ml

## ASTM D-2274

Oxidation stability of distillate fuel oil



227400 Oxidation condensor

227401 Oxidation delivery tube

227402 Oxidation test tube, 350 ml

## ASTM D-2340

Peroxides in Styrene Monomer

234002 Condensor 300 mm

234003 Condensor 400 mm, NS 29, with cooled joint

234001 Flask 500 ml, NS29

## ASTM D-2386

Freezing point of aviation fuels



238600	jacketed sample tube
238602	jacketed sample tube with mark at 40 mm fro bottom
238604	Moisture proof collar type B
238605	Nitrogen collar type A
238606	Si Stopper
238609	Stirrer
238601	unsilvered vacuum flask

## ASTM D-2420

Hydrogen sulfide in liquified petroleum gas



242003	3-way stopcock
242001	Glass cilinder incl. 2 x stopper
242004	Stand & clamps
242002	watch glass 37 mm

## ASTM D-2440

Oxidation Stability of Mineral Insulating Oil

Oxidation Stability of Mineral Insulating Oil



244002	inlet tube
244001	sample tube

## ASTM D-2500

Cloud point of petroleum oils



250004	Cloud / Pour Point tube_half volume
250000	Cloud point tube
250001	Cloud point tube for Linetronic app.
250002	Cloud point tube with mirror bottom
250003	CPPP tube tbv Linetronic app with glued on mirror bottom
250018	Rack for 12 Pour/Cloud/ CFPP tubes, PMMA

ASTM D-2547

Discontinued, Replaced By No Replacement

254701	Condensor
254704	Dropping funnel
254702	Flask
254703	Heater

ASTM D-2549

Separation of Representative Aromatics and Nonaromatics Fractions of High-Boiling Oils by Elution Chromatography



254910	10-gram chromatographic column with clamp & adapter
254902	2-gram chromatographic column with clamp & adapter

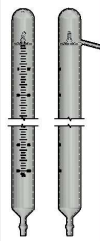
ASTM D-2569

Distillation of Pitch

256901	Destilation flask 250 ml
--------	--------------------------

ASTM D-2699

Research Octane Number of Spark-Ignition Engine Fuel




269913	Ref. fuel disp. 200ml with PTFE 3-way stopcock (amber glass)
269911	Reference fuel dispenser 200ml (amber glass)
269910	Reference fuel dispenser 200ml (clear glass)
269914	Reference fuel dispenser 400ml (clear glass)


ASTM D-2709

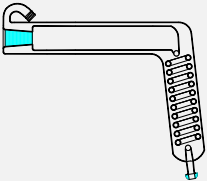

Water and sediment in distillate fuels by centrifuge





270902	Centrifuge tube_cone shaped with capillary tip 0.01ml mark
270901	Pear shaped centrifuge tube with capillary tip 0.2:0.01ml

<b>ASTM D-2711</b> Demulsibility Characteristics of Lubricating Oils		
271101	Graduated separatory funnel	

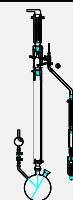
<b>ASTM D-2725</b> Hydrogen Sulfide in natural gas		
272501	Absorption flask	

<b>ASTM D-2784</b> Sulfur in liquefied petroleum gases		
278407	Absorption vessel for V5 combustion chamber	
278412	Atomizer-burner (BITC) for solids	
278411	Atomizer-burner (F1) for gasses	
278410	Atomizer-burner (SB5) for fluids&gases	
278401	Combustion chamber	
278402	Receiver 100 ml, S 29/15	
278403	Receiver 200 ml, S 29/15	
278406	Receiver 250 ml, S 29/15	
278415	Three necked flask	

<b>ASTM D-2872</b> Effect of Heat and Air on a Moving Film of Asphalt (Rolling Thin-Film Oven Test)		
522702	Lid for vessel	
287200	Test beaker RFTOT with convcave opening	
287201	Test beaker RFTOT with convex opening	

## ASTM D-2892

Distillation of crude petroleum (15-theoretical plate column)



289256	
289212	Cold trap, large
289222	Cold trap, large, Rot F29/12 , tube 22 mm
289213	Cold trap, small
289205	Column ID 25 mm, silvered, vacuum
289206	Column ID 50 mm, silvered, vacuum
289207	Column ID 70 mm, silvered, vacuum
289208	Column, vigrux 400 mm, silvered, vacuum
289219	Condensor, NS 45, S 29/15, GL 18
289245	Connecting tube
289293	Connector Female rotulex 29>hose 20 mm ID
289220	Connector M rotulex 29>hose 18 mm ID
289224	Delta P line condensor
289255	Dest. Flask 50 ltr KS75/50 NS19
289201	Flask 10 ltr,S 65/40, for quartz heaters
289215	Flask, RB 20 Ltr, NW 100, NS 45
289200	Flask, RB, 10 Ltr, S 65/40
289225	Flask, RB, 4 Ltr, S 35/25, 2 x NS 19
T2902	Flaskf 20 ltr_1x S75_1xS65+ delta P (Fischer MC)
289210	Intermediate receiver with cooling jacket
289209	Product cooler, double surface
289211	Receiver 250 ml with cooling jacket
289217	Reflux part, 2 x NS 45, rot 35
289250	Solenoid 24V
289216	Stopcock for flask 289201
289203	Stopcock PTFE for flask 289201
289204	Thermowell NS 19

## ASTM D-2914

Sulfur Dioxide Content of the Atmosphere (West-Gaeke Method)

291401	Absorber 1 hr sampling
291402	Absorber 24 hr sampling
291403	Moisture trap

ASTM D-2983

Low temperature viscosity of automotive fluid lubricants measured by brookfiels viscometer



298325	Brookfield tube 25mm
298301	Brookfield viscosimeter
298302	Cap ID 31mm x 40mm

ASTM D-3235

Solvent extractables in petroleum waxes



323500	Filterstick
--------	-------------

ASTM D-3242

Acidity in aviation turbine fuel



324201	Titration flask 250 ml
324200	Titration flask 500 ml
324202	Titration flask with NS 29
324204	Titration flask, 250 ml NS29 with hose barb 10mm
324203	Titration flask, 500 ml NS29 with hose connection 10mm

ASTM D-3267

Separation and Collection of Particulate and Water-Soluble Gaseous Fluorides in the Atmosphere (Filter and Impinger Method)

326701	Modified standard impinger
326702	Standard impinger

## ASTM D-3279

Heptane Insolubles

327900	ASTM D3279 apparatus, complete
327903	Condensor, Allihn 400mm with 1x S35/25
327902	Erlenmeijer flask 250ml with S35/25
327904	Glass filter crucible
327901	Gooch crucible PO 12

## ASTM D-3326

Preparation of Samples for Identification of Waterborne Oils

332601	Chromatographic column
--------	------------------------

## ASTM D-3366

Color of Maleic Anhydride and Phthalic Anhydride in the Molten State and After Heating  
(Platinum-Cobalt Scale)

336601	Nessler tube 50 ml
336602	Nessler tube with cap, 50 ml

## ASTM D-3427

Gas bubble separation time of petroleum oils (Air Release Value)



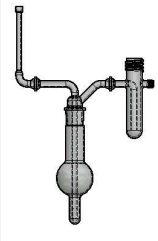
342711	Glass plunger 10 ml
342712	Glass plunger 20 ml
AS342715	Glass plunger 5 ml
342701	inlet tube with baffle plate
342703	Inlet tube with baffles and ball joint 19
342710	Set of glass plungers 5, 10 & 20 ml
342702	test vessel

ASTM D-3505	
Density and relative density of liquids by Lipkin bicappilary pycnometer	
350501	Holder for pycnometer
350500	Pyknometer, Lipkin

ASTM D-3606	
Benzene and toluene in finished motor and aviation gasoline by gas chromatography	
360600	Rust test beaker, Berzelius 400 ml



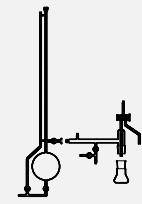
ASTM D-3608	
Nitrogen Oxides (Combined) Content in the Atmosphere	
360802	Absorber acc. Fig. 1
360801	Oxidizer tube



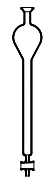
ASTM D-3609	
Practice for Calibration Techniques Using Permeation Tubes	
360901	25 ml graduated micro-adsorption tube HTAS1068



ASTM D-3612	
Analysis of Gases Dissolved in Electrical Insulating Oil by Gas Chromatography	
361201	Glass apparatus fig. 1
361202	Glass apparatus fig. 2



ASTM D-3712	
Analysis of Oil-Soluble Petroleum Sulfonates by Liquid Chromatography	
371201	Chromatographic column





## ASTM D-3799

Purity of Styrene by Freezing Point Method

379901	Dewar Vessel 650ml
379902	RB tube 16x150
379903	RB tube 20x150mm
379904	RB tube 25x150
379905	SS stirrer

## ASTM D-3867

Nitrite-Nitrate in Water



386701	Cadmium reduction column
--------	--------------------------

## ASTM D-3944

Solidification point of petroleum wax

394401	Test tube 6 x 50
--------	------------------

## ASTM D-3948

Determining Water Separation Characteristics of Aviation Turbine Fuels by Portable Separometer

394803	Funnel
394801	Glass column
394802	Siphon

## ASTM D-4006

Water in crude oil by distillation



400634	Condensor 400mm 1x NS24/40
400603	Condensor, 1 x NS24/29
400604	Drying tube
400601	Flask, flat bottom, 1000 ml, NS 24/29
400610	Flask, flat bottom, 500 ml, NS 24
400631	Flask, RB 1000ml NS24/40
400611	Flask, round bottom, 1000 ml, NS 24
400616	Jet spray tube
400615	Pick (stainless steel)
400605	PTFE scraper
400608	Receiver 10 ml: 0.1 ml, 2 x NS24
400607	Receiver 10 ml: 0.1 ml, 2 x NS24/29, with stopcock
400609	Receiver 2 ml:0,025 ml, 2 x NS24
400602	Receiver 5 ml:0.05, 2 x NS24/29
400632	Trap 10 ml:0.1 2 x NS24/40 style E
400625	trap 25 ml:0,2 ml, 2 x NS24
400633	Trap 5:0,05ml 2x NS24/40

## ASTM D-4007

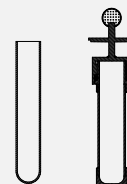
Water and sediment in crude oil by the centrifuge method




400700	Centrifuge tube, cone shaped, 36 x 200 mm
--------	---

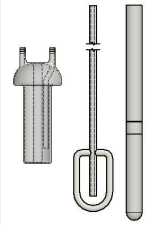
## ASTM D-4048


Detection of copper corrosion from lubricating grease



404801	Test tube
--------	-----------

ASTM D-4176	
Free Water and Particulate Contamination in Distillate Fuels (Visual Inspection Procedures)	
	
417603	Adjunct to D4176 Distillate Fuel Bar Chart
417602	Adjunct to D4176 Distillate Fuel Haze Rating Standard
417601	Cilindrical container incl. clamp & Si O-ring

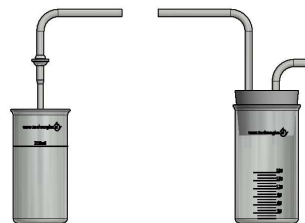
ASTM D-4310	
Determination of the sludging tendencies of inhibited mineral oils	
	
431000	Oxidation condensor
431001	Oxidation delivery tube
431002	Oxidation test tube, 300ml

ASTM D-4312	
Toluene-Insoluble (TI) Content of Tar and Pitch (Short Method)	
	
431206	Extraction thimble AN485, 30x80mm
431201	Flask
431202	Metal condensor
431204	Wire support

ASTM D-4530	
Micro carbon residue of petroleum products	
453000	MCRT testglas 1/2 Dram ( PO 144)
453001	MCRT testglas 4 Dram (PO 144) 21x70mm
453002	MCRT vials 1 Dram (PO 245 pcs) 12x72mm

## ASTM D-4539

Filterability of Diesel Fuels by Low-Temperature Flow Test (LTFT)



453903	Glass tubing
453904	Rubber stopper
453901	Sample container 200ml
453902	Sample receiver

## ASTM D-4625

Distillate Fuel Storage Stability at 43°C (110°F)

462501	flask 500 ml
462504	glass pressure relief
462503	ring with PTFE layer
462502	Screw cap with hole

## ASTM D-4807

Sediment in crude by membrane filtration



480703	Clamp
480707	Filtering flask 1000 ml, erlenmeijer shape
480708	Filtering flask 2000 ml, erlenmeijer shape
480704	Filtering flask 500 ml, erlenmeijer shape
480702	Filtersupport funnel,40 mm
480701	Funnel 250 ml
480705	Funnel 250 ml, jacketed
480714	Guko ringen
480721	Si stopper with hole for filtering flask 1000 ml
480722	Si stopper with hole for filtering flask 2 & 3 Ltr
480723	Si stopper with hole for filtering flask 5 to 20 Ltr
480720	Si stopper with hole for filtering flask 500 ml
480710	Vacuum hose (mtr)
480711	Woulffsche fles 2 ltr, incl. stoppers

## ASTM D-4860

Free Water and Particulate Contamination in Mid-Distillate Fuels (Clear and Bright Numerical Rating)

486020	Thermometer 95-155C :0_5_ 215 mm length_ 80 mm imm.
--------	---

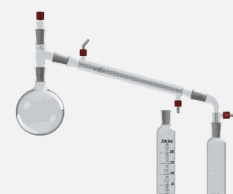
## ASTM D-4871

Guide for Universal Oxidation/Thermal Stability Test Apparatus

487104	Basic head
487105	Condensor
487102	Gas inlet tube I without glass ring
487103	Gas inlet tube II
487106	Intermediate head
487101	Oxidation cel
487107	Sampling head
487109	Spacer ring, pack of 10
487108	Support ring

## ASTM D-4929

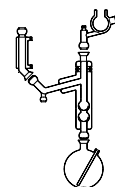
Determination of Organic chloride content in Crude Oil



492902	Condensor 300 mm, 2x NS29, 1x GL18(technoglas model)
492975	Condensor Liebig 300 mm, NS 24/40 joints
492995	Copper tubing for heat exchanger 6 mm, 3 mtr
492901	Flask RB 1000 ml, NS 29(technoglas model)
492971	Flask, RB, 1 Ltr, NS 24/40 joint
492979	Receiver flask 4 ltr, for ice bath
492977	Receiving cilinder , NS 24/40 joint
492980	Receiving cilinder , NS 24/40, graduated
492972	T-Adapter, NS 24/40 joints
492974	Thermometer Adapter, NS 24/40 joints, GL18
492976	Vacuum take off adapter, NS 24/40 joints
492978	Wire clamps (4 pcs)

## ASTM D-5236

Distillation of heavy hydrocarbon mixtures (vacuum potstill method)



523665	Adapter Rot. 65...KF 16
523666	Adaptor Rot 65...tube 22 mm
523609	Condensor 25 mm
523611	Condensor 36 mm
523612	Condensor 50 mm ID, 1 x K 75, 1 x S 65
523608	Flask 10 Ltr. 1 x S 75, 1 x x S65
523622	Flask 10 Ltr. S 75, GL 18
523606	Flask 2 ltr
523607	Flask 6 ltr, 2 x S 65
523623	Flask 6 Ltr. S 65, GL 18
523615	Head trap
523695	Quench coil for 10 Ltr flask, stainless steel
523694	Quench coil for 6 Ltr flask, stainless steel
523645	receiver 500 ml
523625	Still head 25 mm
523636	Still head 36 mm
523650	Still head 50 mm
523688	Surge tank 10 ltr, 2 x KF 16
523686	Surge tank 6 ltr, 2 x KF 16
523640	Tensimeter
523630	Vacuum adaptor 25 mm
523632	Vacuum adaptor 36 mm
523633	Vacuum adaptor 50 mm
523631	Vacuum adaptor double wall. Grad. 250 ml, S 41/25
523634	Vacuum adaptor double wall. Grad. 500 ml, S 41/25

## ASTM D-5291

Instrumental Determination of Carbon, Hydrogen, and Nitrogen in Petroleum Products and Lubricants

529118	U-tube for CHN
--------	----------------

---

## ASTM D-5452

---

### Particulate Contamination in Aviation Fuels by Laboratory Filtration

545203	Receiving flask 5000 ml with GL 18
545204	Safety flask 5000 ml
545291	Si ring for lid SS filtration app.
545202	Silicone stopper for receiving flask, hole 10 mm
545205	Silicone stopper for safety flask, hole 12 mm
545201	Stainless steel filtr. device incl wire to ground
545206	Triangle of glass 40x40x40mm

---

## ASTM D-5763

---

### Oxidation and Thermal Stability Characteristics of Gear Oils Using Universal Glassware

576302	Air Delivery Tube
576301	Oxidation Cell

---

## ASTM D-5846

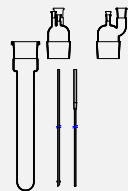
---

### Universal Oxidation Test for Hydraulic and Turbine Oils Using the Universal Oxidation Test Apparatus

584603	Basic Head
584602	Gas Inlet Tube
584601	Oxidation Cell

## ASTM D-5968

Evaluation of corrosiveness of diesel engine oil



596803	Air tube
596805	Condensor Allihn type 300 mm
596806	Copper Test Specimen
596800	Evaluation of corrosiveness of diesel engine oil
596807	Lead Test Specimen
596809	Phosphor Bronze Test Specimen
596801	Sample tube
596802	Sample tube head
596804	Thermocouple tube
596808	Tin Test Specimen

## ASTM D-6470

Salt in Crude Oils (Potentiometric Method)



647002	Condensor
647003	Flask
647008	Flask D-6470, 500ml, 2x NS29. Incl. heating wire
647005	Funnel
647004	Heating wire
647007	Insulation jacket for heating coil
647006	Sampling tube

## ASTM D-6514

High Temperature Universal Oxidation Test for Turbine Oils

651403	Basic Head
651402	Gas Inlet Tube
651401	Oxidation Cell



## ASTM D-6560

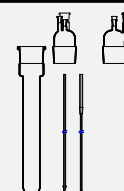
Determination of asphaltenes



656002	condensor NS 34/35, coil type
656006	condensor NS 45/40
656010	Condensor NS 50/42
656001	extractor, long model NS 45, NS 29
656012	extractor, short model NS 29, NS 29
656000	extractor, short model NS 34, NS 24
656014	extractor, short model NS 34/35, NS 24/40
656008	extractor, short model NS 45, NS 29
656009	Extractor, short model, NS 34, NS 29
656003	Filter support
656016	Filtersupport for extractor with NS45
656007	Flask, 250 ml, flat bottom NS 24
656011	Flask, erlenmeijer 100 ml, NS 24
656099	Flask, erlenmeijer 1000 ml, NS 24
656015	Flask, erlenmeijer 150 ml, NS 24
656020	Flask, erlenmeijer 200 ml, NS 24
656025	Flask, erlenmeijer 250 ml, NS24
656050	Flask, erlenmeijer 500 ml, NS 24
656013	Stirring rod 3x150mm Glass

## ASTM D-6594

Evaluation of corrosiveness of diesel engine oil at 135C



659403	Air tube
659405	Condensor Allihn type 300 mm
659400	Evaluation of corrosiveness of diesel engine oil
659401	Sample tube
659402	Sample tube head
659404	Thermocouple tube

## ASTM D-7317

Coagulated Pentane Insolubles in Used Lubricating Oils by Paper Filtration (LMOA Method)

731700	Complete filtration apparatus
--------	-------------------------------

## ASTM D-7528

Bench Oxidation of Engine Oils by ROBO Apparatus

752803	Cold trap
752801	Gaswasfles
752802	Opvangbuis 2,5 ml

## ASTM D-7671

Corrosiveness to Silver by Automotive Spark–Ignition Engine Fuel–Silver Strip Method

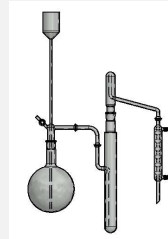
767113	Glass cradle for method B
767101	Silver strip suspension assembly (procedure A)
767112	Stopper (Si) for method B
767111	Test tube for method B

## DIN 51368

11310030

## DIN 51589

Determination of water separation ability of lubricating oils and low-flammability fluids after contact with steam



T2807-3	Bend with 2x KS19 DIN51589
DIN51589	Complete steam dest app. acc. to DIN51589
T2807-5	Condensor DIN51589
T2807-6	Emulsifying cilinder with 100ml mark DIN51589
T2807-4	Head for tube with 100ml mark DIN51589
T2807-2	Steam dest. flask head DIN51589

## DIN 62015

T360 Dest. flask for parrafin wax

## EN 137

Content of aromatic constituents



T2500 Chromatographic column

## EN 357

Content of aromatic constituents



ENC357-1	Chrom. Column EN C357, fig1
ENC357-2	Chrom. Column EN C357, fig2

## GOST

Moisture determination

T1987 Trap 10ml acc to GOST

## GOST 10120

Petroleum paraffins, method for determination of fraction composition



T2592 GOST 10120 dest. Flask 250ml

T2593 GOST 10120 receiver 100ml

## GOST 21534

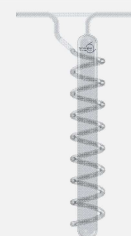


T2012-1 GOST 21534-76 Funnel with glass stopcock

T2012 GOST 21534-76 Funnel with PTFE stopcock

T2012-2 GOST 21534-76 PTFE lid

## GOST 25336



T3138 Coil condensor acc. GOST 25336

## GOST 28084



T2886-3 Air tube GOST 28084 with filterstick Ø9x20 P0

T2886-2 Head GOST 28084

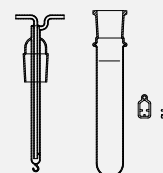
T2886-1 Sample tube GOST 28084

## IP 19

195	Demulsification adapter
196	Demulsification Flask 1 ltr, NS 29
197	Demulsification hose connection adapter...steampipe
190	Demulsification number lubricating oils
194	Demulsification oil container
199	Demulsification sep./emuls. Bath wooden lid
198	Demulsification seperating/emulsifying bath
193	Demulsification silicone stopper for oil container
192	Demulsification steam pipe, crooked
191	Demulsification steam pipe, straight

## IP 227

Silver corrosion test by aviation turbine fuels

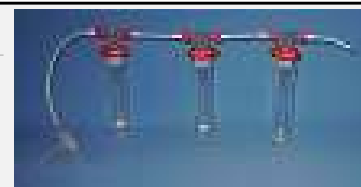


2272	condensor with hook
2273	glass cradle
2274	silver test strip, 19x12.7x3mm on request
2271	Test tube, amber glass

## IP 263

26301	Flask 150ml with 10ml divisions
-------	---------------------------------

## IP 272

mercaptan sulphur and hydrogen sulphide content of liquefied petroleum gases (LPG) -  
Electrometric titration method

2720	Gas washing bottles, trap bottle & T-bore stopcock
------	--

## IP 280

Oxidation stability of inhibited mineral turbine oils



2802	inlet tube
2801	sample tube

## IP 309

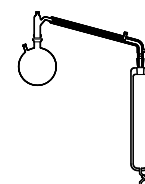
Cold filter plugging point



30913	Additional vacuum reservoir
30917	CFPP buis, Herzog
3095	CFPP Pipet ( ISL )
3091	CFPP pipet with mark at 20ml
3092	CFPP pipet with S13/5
3096	CFPP pipet, Herzog
3097	CFPP pipet, Tanaka
30916	CFPP pipette without mark at 20ml
3094	CFPP tube
3098	CFPP tube (ISL)
30914	Double oblique stopcock
3099	Filter assembly, complete
30915	Filter for filter assembly
30922	Filter unit
30920	O-ring 12.42 for CFPP, PO10
30918	O-ring tbv CFPP, PO10
30928	Rack for 12 Pour/Cloud/ CFPP tubes, PMMA
30919	Support ring & Stopper
30921	Supporting ring
30910	U-tube 300 mm, glass with 3 marks
30911	U-tube 300 mm, Plastic with division

## IP 325

Determination of front octane number



3253	condensor
3252	Flask
3251	receiver

## IP 331

Stability- Corrosion test for non-aqueous fire resistant fluids

3312	inlet tube (B7)
3313	inlet tube with hole 3 mm
3311	sample tube

## IP 369

3691	Chromatographic column
------	------------------------

## IP 390

Total sediment in residual fuel oils

3901	air condensor
3904	Air condensor 400 mm, NS14
3903	Cork with hole
3902	Erlenmeijer flask
3905	Hexadecane distribution funnel
3906	Hexadecane distribution funnel 60mm diameter

## IP 399

Hydrogen sulphide in fuel oils



3993	Adaptor
3999	D-399 Round bottom flask 100 ml excl delivery tube
3998	Delivery tube for 100ml flask
3997	Double surface condensor 150 mm
3994	gas absorber
3994-T	gas absorber top part
3995	gas distribution tube
3996	Iodine flask 100 ml
3991	Round bottom flask 100 ml + delivery tube

**ISO 609**

Determination of carbon and hydrogen — High temperature combustion method

T652 Midvale tube

**ISO 731**

Determination of low contents of other volatile acids

T681 Ampoule

T3056 Ampoule

**ISO 4404**

determination of the corrosion-inhibiting properties of non-aqueous hydraulic fluids



ISO4404-2 ISO 4401 watchglass with welded on glass hook

ISO4404-1 ISO 4404 beaker 75x130mm

**ISO 7105**

Determination of water content — Karl Fischer method

T1944-1 3-way stopcock

T1944-2 3-way stopcock with NS24

T2214 Dewarvessel for ISO 7105

**ISO 9377**

Determination of hydrocarbon oil index



T820 Clean up column

T955-4 ISO 9377 microseparator\_dropping funnel 100ml

T955-2 ISO 9377 microseparator\_druppeltrechter 50ml

T955 Microseparator

T955-1 Microseparator part with valve

T955-3 Microseparator, tube with NS



ISO 10540

quantification of phosphorus in oil



T2991                      Test tube

NACE

NACE 1



- T3296                      Heater 115V 250W for NACE TM01-74
- T644-7                    Heater for NACE TM01-74
- T644-6                    NACE TM 01-74 aerator tube 6x200mm
- T644-2                    NACE TM 01-74 Condensor 200 mm
- T644-3                    NACE TM 01-74 Gasket, set of 2
- T2546-1                   NACE TM 01-74 glass ring
- T644-4                    NACE TM 01-74, aluminium ring
- T644-1                    NACE TM 01-74, glass ring
- T644-5                    NACE TM 01-74, threading
- T644-9                    NACE TM 01-74\_glass ring with KS35/20
- T2546-2                   Thermometer tbv Nace 074 met NS14\_ -10-250C

## SMS 1600

---

T2257                      Air condensor ID 3 x 400 mm, NS 14

## SMS 2239

---

Determination of total carbon dioxide, hydrogen sulphide and carbonyl sulphide in concentrations in aqueous solutions.



T2450	Cold trap SMS 2239-04
T2129	Desorption vessel SMS 2239-04
T2465	Desorption vessel SMS 2239-04, extended version
T2451	Hose connectors for SMS 2239 desorption vessel & cold trap
T2129-C	SMS2239 glassware complete
T2451-SL	SS Swagelock adapter 1/4 to 1/16, set of 2pcs

## SMS 2268

---

Determination of "existent" hydrogen sulphide in crude oils

T2522	Sampling bottle SMS 2268
T2507	Sampling tube SMS2268

## UOP 0

Foaming in aqueous amine solutions

T2629-1 UOP foaming test 1 ltr cilinder

T2629-3 UOP foaming test, filtertube

T2629-2 UOP foaming test, Si stopper

## UOP 9

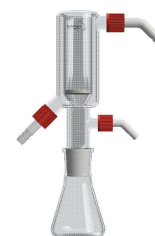
Hydrogen sulfide in gases by the Tutwiler method



T95 Tutweiler Buret UOP 9-85

## UOP 46

Parrafin wax content of petroleum oils and asphalts



T270 Filter funnel for UOP46 fine porosity

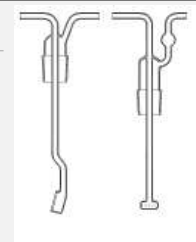
T270-P1 Filter funnel for UOP46 P1 100-160mum

T270-P2 Filter funnel for UOP46 P2 40-100mum

T1961 Filtration head 55mm

## UOP 212

Hydrogen sulfide, mercaptan sulfur and carbonyl sulfide in hydrocarbon gases by potentiometric titration



T2113 Gas distributor head with angled disc

T1929 Gas washing head with perf. disk

UOP212 Set of glassware acc. to UOP212

## UOP 357

Traces of sulphur in petroleum distillates



T2617-4	Absorber UOP357
T2617-5	Bend with NS7/16_UOP357
T2617-2	Funnel piece with stopper & nitrogen in/out UOP357
T2617-1	Reaction flask 100ml UOP357

## UOP 429



UOP429-2	Contacter assembly glassware
UOP429-22	UOP429 50mm OD tube
UOP429-26	UOP429 dropping funnel
UOP429-21	UOP429 flask 500ml
UOP429-24	UOP429 Glass stirrer
UOP429-25	UOP429 Glass vent
UOP429-23	UOP429 PTFE stirring guide
UOP429-1	Vigruex column

## UOP 501



T338	Adsorption Column (FIA)
------	-------------------------

## UOP 682

Total cyanide in refinery waters by visible spectrophotometry



T2416	Cyanide Micr dist. App Fig. 1
T2417	Flow Manometer Fig. 2
T2418	Ground glass joint for Syringe-Filter ass fig 3
T2416-3	UOP 682-2 fig. 1 absorber tube
T2416-1	UOP 682-2 fig. 1 dest. tube
T2416-2	UOP 682-2 fig. 1 gas scrubber
T2416-4	UOP 682-2 fig. 1 heating jacket
T2416-7	UOP 682-2 fig. 1 part with PTFE metering valve
T2416-5	UOP 682-2 fig. 2 flow manometer
T2416-6	UOP 682-2 fig. 3 ground glass joint only
T2419	Vacuum trap acc fig. 4 (excl. pump)

## UOP 826

Carbon dioxide in amine solution



T2415	Carbonimeter measuring buret
T2414	Carbonimeter reaction buret

## UOP 828

Total amine in solutions

T2626	Kjeldahl flask 800ml with thermowell
T2627	Spray trap

## UOP 906

Trace metals in liquefied petroleum gas

T2177	Column, complete with caps
-------	----------------------------

donderdag 4 januari 2024