

Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17025:2017
Registration number: **L 292**

of **Saybolt Nederland B.V.**

This annex is valid from: **29-11-2023** to **01-01-2027**

Replaces annex dated: **22-11-2023**

Location(s) where activities are performed under accreditation

Head Office

Stoomloggerweg 12
3133 KT
Vlaardingen
Nederland

Location	Abbreviation/ location code
Laboratory Vlaardingen Stoomloggerweg 12 3133 KT Vlaardingen The Netherlands	VLD
Laboratory Europoort Moezelweg 136A 3198 LS Rotterdam – Europoort The Netherlands	ERP
Laboratory Botlek Oude Maasweg 6 3197 KJ Rotterdam – Botlek The Netherlands	BTL

This annex has been approved by the Board of the
Dutch Accreditation Council, on its behalf,

J.A.W.M. de Haas

of **Saybolt Nederland B.V.**

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Replaces annex dated: **22-11-2023**

No.	Material or product	Type of activity ¹	Internal reference number	Location
Sampling				
a	Liquid petroleum products, liquid fuels and blending products	Sampling for analysis of bio-based carbon content with LSC, carbon content with CHN analyser and FAME content with FTIR (internal reference nr. MT/162, MT/96 and MT/86)	SMP/001 ISO 3170 and ASTM D4057	BTL
Testing				
1	Liquid petroleum products, liquid fuels and blending products	Determination of the bio-based carbon content; LSC method	MT/162 EN 16640 Annex B and DIN 51637	VLD
2	Middle distillates	Determination of fatty acid methyl ester (FAME) content; FTIR spectrometry	MT/96 EN 14078	VLD
3	Petroleum products and liquid fuels	Determination of distillation range at atmospheric pressure; automatic and manual distillation	MT4 ASTM D 86	VLD
4	Crude oils	Determination of pour point; manual cooling method	MT9 ASTM D 5853	VLD
5	Liquid petroleum products, both transparent and opaque	Determination of kinematic viscosity (and the calculation of Dynamic viscosity); Ubbelohde, Cannon-Fenske viscometer or automatic Cannon viscometer	MT13 ASTM D 445	VLD
6	Petroleum products	Determination of acid number; potentiometric titration	MT18 ASTM D 664	VLD
7		Determination of acid number; color-indicator titration	MT19 ASTM D 974	VLD
8	Viscous material at temperatures from 20 °C to 70°C	Determination of refractive index; refractometer	MT23 ASTM D 1747	VLD
9	Aviation turbine fuels	Determination of freezing point; manual cooling method	MT30 ASTM D 2386	VLD

¹ If there is a referral to a code starting with NAW, NAP, EA or IAF, this concerns a scheme mentioned on the [RvA-BR010-lijst](#).
 If no date or version number is mentioned for a normative document, the accreditation concerns the most current version of the document or scheme.

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No.	Material or product	Type of activity ¹	Internal reference number	Location
10	Petroleum products	Determination of sulfur content; wavelength dispersive X-ray fluorescence spectrometry	MT32 ASTM D 2622	VLD
11	Petroleum distillates and viscous oils	Determination of density and relative density and API Gravity; digital density meter	MT38 ASTM D 4052	VLD
12	Liquid hydrocarbons, petroleum and petroleum products	Determination of nitrogen; boat-inlet chemiluminescence	MT41 ASTM D 5762	VLD
13	Crude oils	Determination of density and relative density and API Gravity; digital density meter	MT42 ASTM D 5002	VLD
14	Petroleum products and lubricants, liquid fuels and blending products	Instrumental determination of carbon, hydrogen and nitrogen; CHN analyser	MT/86 ASTM D 5291 - Method B.	VLD
15	Liquid hydrocarbon Fuels	Determination of the heat of combustion; bomb calorimeter	MT 012 ASTM D 240	VLD
16	Hydrocarbons	Determination of mercaptan sulphur; potentiometric titration	MT53 UOP 163	VLD
17	Natural gas	Determination of hydrogen, helium, oxygen, nitrogen, carbon dioxide and hydrocarbons up to C8; gas chromatography	MT56 NEN-ISO 6974 part 1,2 and 3	VLD
18	Animal and vegetable fats and oils	Determination of acid value and acidity; titrimetry	MT 76 EN-ISO 660	BTL
19		Determination of moisture and volatile matter content; gravimetry	MT 77 EN-ISO 662	BTL
20	Animal and vegetable fats and oils	Determination of insoluble impurities content; gravimetry	MT 78 EN-ISO 663	BTL

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No.	Material or product	Type of activity ¹	Internal reference number	Location
21	Aviation Fuels	Determination of freezing point; Automatic Laser Method	MT 060a ASTM D 7153	ERP
22	Crude oils	Determination of water; coulometric Karl Fischer titration	MT 29 ASTM D 4928	ERP
23		Determination of density and relative density and API Gravity; digital density meter	MT 30 ASTM D 5002	ERP
24	Crude oils, fuel oils	Determination of the amount of sediment; extraction and gravimetric method	MT 31 ASTM D 473	ERP
25	Petroleum products	Determination of the sulfur content; energy dispersive X-ray fluorescence spectrometry	MT50 ISO 8754	ERP