

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: **03-08-2022** to **01-01-2023**

Replaces annex dated: **08-06-2022**

**Location(s) where activities are performed under accreditation**

**Head Office**

Stoomloggerweg 12  
3133 KT  
Vlaardingen  
Nederland

<b>Location</b>	<b>Abbreviation/ location code</b>
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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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
<b>Sampling</b>				
a	HVO (Hydrogenated Vegetable Oil) and Middle distillates	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
<b>Testing</b>				
1	HVO (Hydrogenated Vegetable Oil) and Middle distillates	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	Distillation range at atmospheric pressure	MT4 ASTM D 86	VLD
4	Petroleum products	Pour point	MT8 ASTM D 97	VLD
5	Crude oils	Pour point	MT9 ASTM D 5853	VLD
6	Liquid petroleum products, both transparent and opaque	Kinematic viscosity (and the calculation of Dynamic viscosity) by Ubbelohde, Cannon-Fenske viscometer or automatic Cannon viscometer	MT13 ASTM D 445	VLD
7	Petroleum products	Acid number by potentiometric titration	MT18 ASTM D 664	VLD
8		Acid number by color-indicator titration	MT19 ASTM D 974	VLD
9	Viscous material at temperatures from 20 °C to 70°C	Refractive index	MT23 ASTM D 1747	VLD

<sup>1</sup> 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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10	Aviation turbine fuels	Freezing point	MT30 ASTM D 2386	VLD
11	Petroleum products and liquid fuels	Cloud point	MT31 ASTM D 2500	VLD
12	Petroleum products	Sulfur content by wavelength dispersive X-ray fluorescence spectrometry	MT32 ASTM D 2622	VLD
13	Petroleum distillates and viscous oils	Density and relative density and API Gravity by digital density meter	MT38 ASTM D 4052	VLD
14	Liquid hydrocarbons, petroleum and petroleum products	Nitrogen by boat-inlet chemiluminescence	MT41 ASTM D 5762	VLD
15	Crude oils	Determination of density and relative density and API Gravity; digital density meter	MT42 ASTM D 5002	VLD
16	Petroleum products and lubricants	Instrumental determination of carbon, hydrogen and nitrogen by CHN analyser	MT/86 ASTM D 5291 - Method B.	VLD
17	Liquid hydrocarbon Fuels	Determination of the heat of combustion; bomb calorimeter	MT 012 ASTM D 240	VLD
18	Hydrocarbons	Mercaptan sulphur potentiometric titration	MT53 UOP 163	VLD
19	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
20	Animal and vegetable fats and oils	Determination of acid value and acidity; titrimetry	MT 76 EN-ISO 660	BTL
21		Determination of moisture and volatile matter content; gravimetry	MT 77 EN-ISO 662	BTL

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22		Determination of insoluble impurities content; gravimetry	MT 78 EN-ISO 663	BTL
23	Crude oils	Determination of water; coulometric Karl Fischer titration	MT 29 ASTM D 4928	ERP
24		Determination of density and relative density and API Gravity; digital density meter	MT 30 ASTM D 5002	ERP
25	Crude oils, fuel oils	Determination sediment; extraction method	MT 31 ASTM D 473	ERP
26	Petroleum products	Determination of the sulfur content; energy dispersive X-ray fluorescence spectrometry	MT50 ISO 8754	ERP