

Akkrediteringens omfattning/Scope of Review

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Parameter <i>Parameter</i>	Metod <i>Method</i>	Mätprincip <i>Measuring principle</i>	Mätområde <i>Measurement range</i>	Provtyp <i>Sample Type</i>	Anmärkning <i>Note</i>
Fasta föroreningar <i>Solid contaminants</i>	ASTM D5452-23	Gravimetri/ <i>Gravimetry</i>	32 – 400°C 0,01–100 mg/l	Gasolja/ <i>Gas oil</i> Fotogen/ <i>Kerosene</i>	Introduced – Flexible accr. 2024-01-22
Filtrerbarhet i kyla (CFPP) <i>Cold filter plugging point</i>	EN 116:2015	Filtrering/ <i>Filtration</i>	-40 – 0°C	Gasolja/ <i>Gas oil</i>	
Flampunkt <i>Flash Point</i>	ASTM D92-18 aut.	Cleveland Open Cup	79 – 400°C	Smörjolja/ <i>Lubricating oil</i>	
	ASTM D93-20	Pensky-Martens Closed Cup	40 – 150°C	Fotogen/ <i>Kerosene</i>	
		Pensky-Martens Closed Cup	40 – 150°C	Gasolja/ <i>Gas oil</i>	
		Pensky-Martens Closed Cup	40 – 150°C	Smörjolja/ <i>Lubricating oil</i>	
	IP 170/14	Abel closed cup	30 – 75°C	Fotogen/ <i>Kerosene</i>	
	SS-EN 2592:2017	Cleveland Open Cup	79 – 400°C	Smörjolja/ <i>Lubricating oil</i>	
	SS-EN ISO 2719:2016/ A1:2021	Pensky-Martens Closed Cup	40 – 150°C	Fotogen/ <i>Kerosene</i>	
		Pensky-Martens Closed Cup	40 –150°C	Gasolja/ <i>Gas oil</i>	
		Pensky-Martens Closed Cup	40 –150°C	Smörjolja/ <i>Lubricating oil</i>	
Frys punkt <i>Freezing Point</i>	ASTM D7153-22a mod.		-80 – +20 °C -80 – +20 °C	Bensin/ <i>Gasoline</i> Fotogen/ <i>Kerosene</i>	Rev. 22 Introduced – Flexible accr. 2023-10-19 Rev. 22a Introduced – Flexible accr. 2024-01-22
	ASTM D2500-23		-63 – +20 C	Gasolja/ <i>Gas oil</i>	Introduced – Flexible accr. 2024-01-22
	ASTM D5771-21				

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**Accreditation and Approval
Document**

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Utgåva:

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Parameter <i>Parameter</i>	Metod <i>Method</i>	Mätprincip <i>Measuring principle</i>	Mätområde <i>Measur. range</i>	Provtyp <i>Sample Type</i>	Anmärkning <i>Note</i>
volume					
Värmevärde <i>Heat of combustion</i>	ASTM D3338-20a	Beräkning/ <i>Calculation</i>	40 – 45 MJ/kg	Fotogen/ <i>Kerosene</i>	
Värmevärde (net) <i>Heat of combustion (net)</i>	ASTM D4868-17	Beräkning/ <i>Calculation</i>	40 – 45 MJ/kg	Gasolja/ <i>Gas oil</i>	
Värmevärde (gross) <i>Heat of combustion (gross)</i>	ASTM D4868-17	Beräkning/ <i>Calculation</i>	43 – 47 MJ/kg	Gasolja/ <i>Gas oil</i>	
Vätehalt <i>Hydrogen content</i>	ASTM D3343-22	Beräkning/ <i>Calculation</i>	10 – 20 vikt/ <i>weight %</i>	Fotogen/ <i>Kerosene</i>	Introduced – Flexible accr. 2024-01-22
Vattenavskiljningsförmåga, MSEP <i>Water Sep. Index, MSEP</i>	ASTM D3948-22		50 – 100 enheter/ <i>units</i>	Fotogen/ <i>Kerosene</i>	Introduced – Flexible accr. 2024-01-22
Vattenavskiljningsförmåga, MSEP <i>Water Sep. Index, MSEP</i>	ASTM D7224-23		50 – 100 enheter/ <i>units</i>	Fotogen/ <i>Kerosene</i>	Introduced – Flexible accr. 2024-01-22
Vattenhalt <i>Water content</i>	ASTM D6304-20	Coulometric Karl Fischer	0,005 – 2 vikt/ <i>weight %</i>	Bensin/ <i>Gasoline</i>	
		Coulometric Karl Fischer	0,005 – 2 vikt/ <i>weight %</i>	Fotogen/ <i>Kerosene</i>	
		Coulometric Karl Fischer	0,005 – 2 vikt/ <i>weight %</i>	Gasolja/ <i>Gas oil</i>	
		Coulometric Karl Fischer	0,005 – 2 vikt/ <i>weight %</i>	Smörjolja/ <i>Lubricating oil</i>	
Vattentolerans <i>Water Reaction</i>	ASTM D1094-07		1 – 4 enheter/ <i>units</i>	Bensin/ <i>Gasoline</i>	
			1 – 4 enheter/ <i>units</i>	Fotogen/ <i>Kerosene</i>	
Viskositet <i>Viscosity, 100 °C</i>	ASTM D445-21 aut.	Viskosimeter <i>Viscometer</i>	> 1 mm ² /s	Smörjolja/ <i>Lubricating oil</i>	
	EN ISO 3104:2020 aut.	Viskosimeter <i>Viscometer</i>	> 1 mm ² /s	Smörjolja/ <i>Lubricating oil</i>	
Viskositet <i>Viscosity 40 °C</i>	ASTM D445-21 aut.	Viskosimeter <i>Viscometer</i>	>1 mm ² /s	Gasolja/ <i>Gas oil</i>	
		Viskosimeter <i>Viscometer</i>	>1 mm ² /s	Smörjolja/ <i>Lubricating oil</i>	
	EN ISO 3104:2020 aut.	Viskosimeter <i>Viscometer</i>	>1 mm ² /s	Gasolja/ <i>Gas oil</i>	
		Viskosimeter <i>Viscometer</i>	>1 mm ² /s	Smörjolja/ <i>Lubricating oil</i>	

Kemisk analys – Teknikområde: Oorganisk kemi
Chemical analysis – Technology Area: Inorganic chemistry

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Materialprovning/Material testing

Teknikområde <i>Technical area</i>	Parameter <i>Parameter</i>	Metod <i>Method</i>	Mätprincip <i>Technique</i>	Provtyp <i>Material</i>	Anmärkning <i>Note</i>
Mekanisk provning <i>Mechanical Testing</i>	Dragprovning <i>Tensile Testing</i>	SS-EN ISO 6892-1: 2019		Metalliska material <i>Metallic materials</i>	
	Interlaminär skjuvprovning <i>Short-Beam strength</i>	ASTM D2344-16		Kompositer <i>Composites</i>	
	Hårdhetsprovning <i>Hardness Testing</i>	SS-EN ISO 6507-1: 2018	Vickers	Metalliska material <i>Metallic materials</i>	
Konditionering <i>Conditioning</i>	Fuktkonditionering <i>Moisture conditioning</i>	ASTM D5229/D5229M -20		Kompositer <i>Composites</i>	Endast metod B, C och D <i>Only Procedure B, C and D</i>
Korrosionsprovning <i>Corrosion Testing</i>	Saltdimma <i>Salt Spray</i>	ASTM B117-19		Metalliska material <i>Metallic materials</i>	
Metallografi <i>Metallography</i>	Makro, Mikro <i>Macro, Micro</i>	SS-EN ISO 17639:2022		Svets <i>Welds</i>	

Kommentar:

Element Materials Technology AB, ASJ vägen 7 i Linköping, har flexibel ackreditering.

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