



### St1 Eko 11 - raskas polttoöljy

	Yksikkö Enhet Unit	Laaturaja Kvalitetskrav Specification		Testimenetelmä Testmetod Test method
		Min	Max	
Kinemaattinen viskositeetti 40 °C Kinematisk viskositet vid 40 °C Kinematic viscosity at 40 °C	mm <sup>2</sup> /s	2,00	11,00	EN ISO 3104
Tiheys, 15 °C Densitet vid 15 °C Density at 15 °C	kg/m <sup>3</sup>	-	900	EN ISO 12185
Rikki Svavel Sulphur	wt-%	-	0,10	ISO 8754
Leimahduspiste Flampunkt Flash point	°C	60	-	EN ISO 2719
Sedimentti <sup>1)</sup> Sediment Total sediment existent	wt-%	-	0,10	ISO 10307-1
Hapetuskestävyys <sup>1)</sup> Oxidations stabilitet Oxidation stability	g/m <sup>3</sup>	-	25	EN ISO 12205
Hiiltojäännös Kokstal Carbon residue	wt-%	-	0,30	EN ISO 10370
Vesi <sup>1)</sup> Vatten Water	vol-%		0,30	EN ISO 12937 ISO 10336 ISO 3733 ASTM D6304 C
Hiili Kol Carbon	wt-%	Reported		ASTM D5291
Typpi Kväve Nitrogen	wt-%	Reported		ASTM D5291



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Jähmepiste Flytpunkt Pour point	°C	-	9	ASTM D5950 ISO 3016 ASTM D7346
Tuhka Ask Ash	wt-%	-	0,01	EN ISO 6245
Net heat of combustion	MJ/kg	42,0	-	ASTM D4809
Emission factor	tCO <sub>2</sub> /TJ	Reported		NM 491

\*) If product is C&B, oxidation stability and lubricity are analysed. If product is not C&B, total sediment and water are analysed.

Product is intended for energy production.

Storage temperature +20°C.

Statistics Finland Fuel classification, class 1144.

The product will comply with the specification according to the procedures described in ISO 4259.