


Raskas polttoöljy POR180
 Heavy Fuel Oil 180 Low Sulphur

	Yksikkö Enhet Unit	Laaturaja Kvalitetskrav Specification		Testimenetelmä Testmetod Test method
		Min	Max	
Kinemaattinen viskositeetti 50 °C Kinematisk viskositet vid 50 °C Kinematic Viscosity at 50 °C	mm ² /s	140	180	EN ISO 3104
Kinemaattinen viskositeetti 80 °C Kinematisk viskositet vid 80 °C Kinematic Viscosity at 80 °C	mm ² /s	35	43	EN ISO 3104
Tiheys, 15 °C Densitet vid 15 °C Density at 15 °C	kg/m ³	910	1020	EN ISO 12185
Rikki Svavel Sulphur	wt-%	-	1,00	ISO 8754 NM380
Leimahduspiste Flampunkt Flash point	°C	60,0	-	EN ISO 2719
Sedimentti Sediment Total sediment	wt-%	-	0,15	ISO 10307-1
Hiiltojäännös – Micro metodi Kokstal - Micro metod Carbon residue – Micro method	wt-%	-	18	EN ISO 10370
Hiili Kol Carbon	wt-%	Reported		ASTM D5291
Typpi Kväve Nitrogen	wt-%	Reported		ASTM D5291
Vanadiini Vanadin Vanadium	mg/kg	Reported		

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Nikkeli Nickel Nickel	mg/kg	Reported		IP501 ISO 10478 M NM122
Jähmepiste Flytpunkt Pour point	°C		30	ASTM D5950 ISO 3016
Vesi Vatten Water	wt-%		0,7	ISO 10336 ISO 3733 ASTM D 6304 C
Tuhka Ask Ash content	wt-%	-	0,1	EN ISO 6245
Net heat of combustion	MJ/kg	40,1		ASTM D4809
Asfalteenit Asfaltener Asphaltenes	mg/kg	Reported		DIN 51595
Burning catalyst		Added**		

The product can also be made by blending PORL420 and middle distillate to the right viscosity.

This blend product is analyzed only at regular intervals. The product will comply with the specification according to the procedures described in ISO 4259.

** Burning catalyst shall not be added if carbon residue is under 5 % m/m.