

## MFO (VLSFO) Specification

No.	CHARACTERISTICS	UNIT	Test Result	TEST METHOD
1	Density @ 15°C	kg/m <sup>3</sup>	937.2	ISO 12185
2	Viscosity @ 50°C	mm <sup>2</sup> /dt	166.5	ISO 3104
3	Water	% v/v	<0.1	ISO 3733
4	Micro Carbon Residue	% m/m	7.38	ISO 10370
5	Sulfur	% m/m	0.22	ISO 8754
6	Total Sediment Potential	% m/m	0.01	ISO 10307-2
7	Ash	% m/m	0.025	ISO 6245
8	Vanadium	mg/kg	<1	IP 501
9	Sodium	mg/kg	34	IP 501
10	Aluminium	mg/kg	8	IP 501
11	Silicon	mg/kg	16	IP 501
12	Iron	mg/kg	32	IP 501
13	Nickel	mg/kg	13	IP 501
14	Calcium	mg/kg	11	IP 501
15	Magnesium	mg/kg	1	LP 1101
16	Zinc	mg/kg	<1	IP 501
17	Phosphorus	mg/kg	<1	IP 501
18	Potassium	mg/kg	2	LP 1101
19	Pour Point	degC	30	ISO 3016
20	Flash Point	degC	>70.0	ISO 2719-B
21	Net Specific Energy	MJ/kg	41.86	ISO 8217
22	CCAI (Ignition Quality)	-	807	ISO 8217
23	Aluminium + Silicon	mg/kg	24	
24	Acid Number	Mg KOH/g		