SPECIFICATION FOR FURNACE OIL (180cSt-Straight Run)
(Export-Mauritius)

Sl.No.	TESTS	REQUIREMENT	TEST METHOD (Alternate methods)	TYPICAL ANALYSIS
1	Ash % by Mass, Max	0.1	ASTM D 482 / IP 4	0.048
2	Gross calorific value, MJ/kg, Min	42.0	ASTM D 4868	43.22
3	Net calorific value, MJ/kg, Min	42.0	ASTM D 4868	40.77
4	Conradson Carbon Residue, % by mass, Max.	15	ASTM D 4530/ D 189	11.6
5	Flash Point (PMC), °C, Min.	60	ASTM D 93 /IP 34	81
6	Pour Point °C, Max.	+15	ASTM D 97 / IP 15	-9
7	Density @ 15 °C kg/L	0.940-0.985	ASTM D 1298/D 4052	0.9421
8	Sodium, ppm, Max	50	UOP 391	12
9	Sulphur, Total % by Mass	1-3	ASTM D 4294	2.25
10	Vanadium, ppm, Max	100	UOP 391	58
11	Kinematic Viscosity, cSt @50°C,Max	140-180	ASTM D 445-06	170
12	Water content % by vol, Max.	0.5	ASTM D 95 / IP74	0.2
13	Al+Si, mg/kg, Max	30	AAS GF	4
14	CCAI, Max	850	Calculated	812
15	Total sediment, potential ,%m/m, Max	0.10	ASTM D4870(Procedure B)	0.07
16	Total sediment, existent, %m/m, Max	0.10	ASTM D4870	0.05