



**SPECIFICATION FOR FURNACE OIL (380cSt)  
(Export)**

Sl.No.	TESTS	REQUIREMENT	TEST METHOD (Alternate methods)	TYPICAL ANALYSIS
1	Density @ 15 °C g/mL, Max	0.9900	ASTM D 1298	0.9700
2	Flash Point (PMC), °C, Min.	66	ASTM D 93 /IP 34	75
3	Micro / Conradson Carbon Residue, % by mass, Max	19	ASTM D 4530/ D 189	18.5
4	Pour Point °C, Max.	+18	ASTM D 97 / IP 15	-6
5	Ash % by Mass., Max	0.15	ASTM D 482 / IP 4	0.045
6	Water content % by Mass,Max.	1	ASTM D 95 / IP74	<0.05
7	Sulphur, Total % by Mass, Max	4.0	ASTM D 4294	3.80
8	Sediment % by Mass, Max.	0.25	ASTM D 473 / IP 53	0.02
9	Vanadium, ppm	250	UOP 391	185
10	Sodium, ppm	50	UOP 391	17
11	Viscosity, Kinematic mm <sup>2</sup> /s @50°C, Max.	380	ASTM D 445 / IP 71	370
12	Ageing, percentage by mass	0.15	IP 390 (by Chemical ageing)	0.04