



**SPECIFICATION FOR FURNACE OIL
(Special Grade)**

Sl.No.	PARAMETER	SPECIFICATION	STD.METHOD	Typical Quality
1	Density @ 15 deg. C g/ml	0.9600	IS 1448, P: 16	0.9600
2	Flash Point (PMC), deg. C	66 Min.	IS 1448, P: 21	75
3	Viscosity, Kinematic 50 deg. C, cSt	165 Max.	IS 1448, P: 25	160
4	Calorific Value, gross Cal/g	Report	IS 1448, P: 6	10350
5	Water content % vol.	1 Max.	IS 1448, P: 40	< 0.05
6	Ash % wt.	0.1 Max	IS 1448, P: 4	0.04
7	Sulphur, Total % wt.	2.8 Max	IS 1448, P: 33/35	2.70
8	Sediment % wt.	0.25 Max.	IS 1448, P: 30	0.02
9	Acidity, Inorganic mg KOH/gm	Nil	IS 1448, P: 2	Nil
10	Pour Point °C	+27 Max.	IS 1448, P: 10	+ 3
11	Asphaltene content, % wt.	7.0 Max	IP 143	5.0
12	Micro Carbon Residue, %wt	16.0 Max	ASTM 4530	15.5
13	Cleanliness spot Rating	No 2 (Faint or poorly defined inner ring)	ASTM D 4740	No. 1