

MATERIAL TEST REPORT OF FURNACE OIL

SPECIFICATION FOR FURNACE OIL

(Special Grade)

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



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