



## SPECIFICATION FOR LIGHT DIESEL OIL (LDO)

Sl.No.	PARAMETER	SPECIFICATION	STD.METHOD	Typical Quality
1	Relative Density @ 15 °C, Kg / m <sup>3</sup>	Report	IS 1448(P: 32)	855
2	Flash Point (PMC), °C	66 Min.	IS 1448(P: 21)	74
3	Viscosity, Kinematic @ 40°C, cSt	2.5 to 15.7 Max.	IS 1448(P: 25)	5.0
4	Ramsbottom Carbon Residue (RCR) , percent by mass	1.50 Max	IS 1448(P: 8)	1.30
5	Copper Strip Corrosion, 3 hrs at 100°C	Not Worse than No. 2	IS 1448(P: 15)	No.1
6	Water content % by Vol.	1.0 Max.	IS 1448(P: 40)	<0.05
7	Sediment % by Mass	0.10 Max.	IS 1448(P: 30)	0.04
8	Ash % by Mass.	0.02 Max	IS 1448(P: 4)	0.01
9	Acidity, Inorganic, mg KOH /gm,	NIL	IS 1448(P: 2)	Nil
10	Sulphur, Total % by Mass	1.8 Max	IS 1448(P: 33) & P: 35	1.2
11	Pour Point, °C	12°C for Winter, Max 21°C for Summer, Max	IS 1448(P: 10)	Minus 3