



SPECIFICATION FOR LOW SULPHUR HEAVY STOCK (LSHS)

(IS 11489 -1985 (Reaffirmed in 2001))

Sl.No.	PARAMETER	SPECIFICATION	STD.METHOD	Typical Quality
1	Pour Point °C	+66 Max.	IS 1448(P: 10)	+33
2	Flash Point (PMC), °C	76 Min.	IS 1448(P: 21)	85
3	Kinematic Viscosity, at 100°C, cSt	50 Max.	IS 1448(P: 25)	45
4	Relative Density @ 15 °C g / ml	Report	IS 1448(P: 32)	0.9260
5	Gross Calorific Value, Cal / g	Report	IS 1448(P: 7)	10550
6	Acidity, Inorganic, mg KOH /gm,	NIL	IS 1448(P: 2)	Nil
7	Ash, percent by Mass.	0.10 Max	IS 1448(P: 4)	0.03
8	Sediment, percent by Mass	0.25 Max.	IS 1448(P: 30)	0.03
9	Sulphur, Total percent by Mass	1.0 Max	IS 1448(P: 33) & P: 35	0.95
10	Water content % by Vol.	1.0 Max.	IS 1448(P: 40)	< 0.05
11	Accelerated Dry Sludge, percent by Mass	0.10 Max	IP 390(Chemical ageing)	0.03
12	Spot Test for cleanliness, Rating	No 2 (Faint or poorly defined inner ring), Max	ASTM D 4740	No.1

Refer IS 11489 for further details