



energising life

## NAPHTHA

### NTPC

TEST	METHOD	SPECIFICATION
Density @ 15°C, g/ml	IS 1448 P :16	0.682 to 0.750
Appearance	Visual	Clear & Bright
Colour	Visual	Colourless
Total Sulphur, %wt	IS 1448 P :34 / ASTM D:4294	Max.0.1
Residue on Evap. mg/100 ml	IS 1448 P :29	Max. 5
Aromatics, % V	IS 1448 P :23 / ASTM D:5134	Max. 20.0
Olefins, % V	IS 1448 P :23	Max. 1.0
Calorific Value, Kcal/kg (Calculated)		
Gross	IS 1448 P :7	Min. 11300
Net	IS 1448 P :7	Min. 10500
Distillation:	IS 1448 P :18	
IBP, °C		To be reported
50% recovered @ °C		Max. 130
FBP, °C		Max. 180
RVP @ 38° C, psi	IS 1448 P :39	Max. 10
Lead as Pb, ppm.	ASTM D-1368	Max.0.2
K. V. @ 15°C, cSt,	IS 1448 P :25	Min. 0.5
C / H (Calculated) <sup>(1)</sup>		Max. 6.5
Calcium, ppm	AAS /ICP	Max. 2
Vanadium, ppm	AAS /ICP	Max. 0.5
Nickel, ppm	AAS /ICP	Max. 0.1
Zinc, ppm	AAS /ICP	Max. 0.1
Sodium & Potassium, ppm	AAS /ICP	Max. 0.2



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$$(1) \text{ C / H Ratio} = \frac{74 + 15 d}{26 - 15 d}$$

where d = specific gravity @ 60/60°F reference U.S. Bureau of standards,  
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