



energising life

## NAPHTHA FOR PPN

TEST	METHOD	SPECIFICATION
Density @ 15°C, g/ml	IS 1448 P : 16	0.69 - 0.75
Total Sulphur, %Wt.	IS 1448 P : 34 / ASTM D : 4294	Max. 0.02
Aromatics, %V	IS 1448 P : 23	Min. 16
Olefins, %V	IS 1448 P : 23	Max. 1
K. V. @ 37.8 °C, cSt	IS 1448 P : 25	Max. 0.5
Flash Point (ABEL), °C	IS 1448 P : 20	Min. -10
Pour Point, °C	IS 1448 P : 10	17°C Below Ambient
Water Content, %V	IS 1448 P : 40	NIL.
Carbon Residue (Ramsbottom) on 10% Residue, %Wt.	IS 1448 P : 8	Max. 0.35
Filterable dirt, mg/100ml.	ASTM D : 2276	Max. 2
Total Ash, ppm.	IS 1448 P : 4	Max.30
Sediments & Water, %vol.	ASTM D : 2709	Max.0.05
Calorific Value, kcal/kg, calculated (Net)	IS 1448 P : 7	Actual Result to be reported
Calorific Value, kcal/kg calculated (Gross)	IS 1448 P : 7	11200 Min.
Distillation :		
IBP, °C	IS 1448 P : 18	MIN.45
FBP, °C	IS 1448 P : 18	Max. 170
Reid Vapour Pressure @ 38 °C, kg/cm <sup>2</sup>	IS 1448 P : 39	Max. 0.5
Nitrogen, %wt	ASTM D : 4629	Max. 0.015
Lead as "Pb"ppm	IP : 224/ASTM D:1368	Max. .022
Chlorides, ppm	ASTM D : 4929 B	Max. 1
Sodium + Potassium, ppm	AAS / ICP	Max. 1



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Vanadium, ppm	AAS / ICP	Max 0.5
Calcium, ppm	AAS / ICP	Max 1
Magnesium, ppm	AAS / ICP	Max 2
Iron, ppm	AAS / ICP	Max 2
Phosphorus, ppm	AAS / ICP	Max 2
Barium, ppm	AAS / ICP	Max 2
Manganese, ppm	AAS / ICP	Max 2
Chromium, ppm	AAS / ICP	Max 2
Copper, ppm	AAS / ICP	Max 2