

## Heavy Naphtha Guaranteed Specification

NF1400

Analysis	Unit	limit	Test Method
Density @ 15.0 °C	Kg/m <sup>3</sup>	0.700-0.765	ASTM D1298
Distillation	°C		ASTM D86
I.B.P	°C	75-90	ASTM D86
F.B.P	°C	170-200	ASTM D86
Residue	% Vol	0.5-1.5	ASTM D86
Loss	%Vol	0.5-1.5	ASTM D86
Total Sulphur	% Wt	0.05-0.15	ASTM D1266
Vapour Pressure	K.Pa	13-24	ASTM D323
H <sub>2</sub> S	PPM	Trace	IP-103
Colour, Saybolt	-	25 min	ASTM D1500
Bromine Number	Mg/100ml	1 max	ASTM D1159
Paraffin Content	%Vol	50-70	GC
Olefins Content	%Vol	0.5-1	GC
Naphthene Content	%Vol	15-30	GC
Aromatics Content	%Vol	10-18	GC
Lead (PB)	P.P.B	20 max	UOP-350
Copper	PPM	0.03-0.07	A.A
Silicon	PPM	Trace	A.A
Nitrogen	PPM	1 max	UOP-313
Water Content	PPM	300 max	ASTM E1064
Chloride	PPM	5-10	UOP-799
As	P.P.B	10 max	A.A
C/H Ratio	%Vol	5.5-6.5	Calculate
Gum Existent	Mg/100ml	1	ASTM D381