



LOW AROMATIC WHITE SPIRIT

Low Aromatic White Spirit – T & I				
(LAW)				
ANALYSIS	UNIT	LIMIT	TEST METHOD	Test Condition
Density @ 15°C	Kg/m ³	775 min	ASTM D 1298	15°C
Distillation :			ASTM D 86	
I.B.P	°C	142-158	" "	
10% Evaporated @	°C	158 min	" "	
50% " @	°C	179 max	" "	
90% " @	°C	194 max	" "	
Dry point	°C	198 max	" "	
Residue	Vol %	1.5 max		
Color Saybolt	-	25 min	ASTM D 156	
Odor	-	Merchantable	-	
Flash Point tag	°C	38 min	ASTM D 56	
Corrosion-3hrs@100°C	-	1a	ASTM D 130	100°C
Sulphur Total	wt%	0.1 max	ASTM D 1266	
Doctor Test	-	Negative	ASTM D 4952	
Aromatic Content	Vol %	20 max	ASTM D 1319	
Gum Existent	mg/100 ml	5 max	ASTM D 381	
Neutrality	-	pass	BS.245	
Acidity of Residue	-	pass	ASTM D1093	

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Low Aromatic White Spirit- SH				
(LAW)				
ANALYSIS	UNIT	LIMIT	TEST METHOD	Test Condition
Density @ 15°C	Kg/m ³	798 min	ASTM D 1298	15°C
Distillation :			ASTM D 86	
I.B.P	°C	156	" "	
10% Evaporated @	°C	165 min	" "	
50% " @	°C	181 max	" "	
90% " @	°C	211 max	" "	
Dry point	°C	226 max	" "	
Residue	Vol %	1 max		
Color Saybolt	-	25 min	ASTM D 156	
Odor	-	Merchantable	-	
Flash Point tag	°C	44 min	ASTM D 56	
Corrosion-3hrs@100°C	-	1a	ASTM D 130	100°C
Sulphur Total	wt%	0.1 max	ASTM D 1266	
Doctor Test	-	Negative	ASTM D 4952	
Aromatic Content	Vol %	22 max	ASTM D 1319	
Gum Existent	mg/100 ml	5 max	ASTM D 381	
Neutrality	-	pass	BS.245	
Acidity of Residue	-	pass	ASTM D1093	

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NO.	TEST	MINIMUM	MAXIMUM
1	Appearance	Bright & Clear	
2	Density at 15°C (ASTM D-1298)	0.790	0.800
3	IBP (ASTM D86)	160 °C	180°C
4	FBP (ASTM D86)	235 °C	245 °C
5	Aromatic Content, by vol.% (ASTM D-1319)	12 % Vol	18 % Vol
6	Flash Point, °C (ASTM D93)	45°C	55°C
7	Color (ASTM D156)	+26	+30
8	Sulfur content (ASTMD 4294)	400 ppm	600 ppm