TECHNICAL DATA SHEET:

HIGH OCTANE BLENDING COMPONENT (HOBC)

High Octane Blending Component (HOBC)

Product Description:

High Octane Blending Component (HOBC) is a high-quality refinery product used to enhance the octane rating of gasoline. It ensures improved fuel stability, better combustion performance, and compliance with international fuel standards.

Application & Benefits:

High Octane Blending Component (HOBC) is widely used in gasoline blending to achieve higher octane ratings and consistent fuel quality. It enhances engine performance by reducing knocking and ensuring smoother combustion. HOBC improves fuel stability, supports cleaner emissions, and helps refineries meet international fuel specifications efficiently.

HIGH OCTANE BLENDING COMPONENT

PRODUCT QUALITY CERTIFICATE

TEST DESCRIPTION	UNIT	METHOD ASTM/IP	TEST DATA	SPECIFICATIONS
Colour (Visual)	-	-	Un-dyed	Reddish
Odour	-	-	Marketable	Marketable
Specific Gravity at 60/60 °F	-	D-1298 / D-4052	0.7283	To be reported
Research Octane Number	-	D-2699	97.0	97 Min
Distillation:	°C (°F)	D-86		
10% vol recovered			53	80 (176) Max
50% vol recovered			81	125 (257) Max
90% vol recovered			148	180 (356) Max
End Point			183	205 (401) Max
Residue	%vol		1 0	2 0 Max
Reid Vapour Pressure @ 37 8 °C	psi	D-323		
Summer (Mar-Oct)			8 8	9 Max
Winter (Nov-Feb)			-	10 Max
Sulphur	ppm	UOP-987	0.32	500 Max
Copper strip corrosion, @ 50 °C	-	D-130	1a	1 Max
Existent Gum	mg/100mL	D-381	1.0	4 Max
Induction Period	Minutes	D-525	>240	No break down in 240 minutes Min
Appearance	-	-	Bright, Clear and free from suspended impurities	Bright, Clear and free from suspended impurities
Doctor test	-	D-4952 / UOP-41	Negative	Negative Max
Benzene	Vol %	D-5134	1.66	5.0 Max
Lead Content *	mg/Lit	IP-224	0.01	13 00 Max
Oxygenates Content	-	-		-
(i) Ether based	Vol %	D-6729	0 1	0 5 Max
(ii) Alcohol Based (Ethanol/Methanol)			Non-Detectable	Non-Detectable
Manganese	mg/Lit	D-3831	Nil	24 Max

* No intentional addition of lead compounds

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