



Crude **AMENAM BLEND**

Country Nigeria

TBP  
DISTILLATION

Density at 15°C, kg/m3	830.9	Assay Date	11-Jan-21			°C	wt%	vol%	°C	wt%	vol%
°API	38.7					080	9.4	12.1	460	85.5	87.8
Bbl/mt	7.584				090	11.1	14.0	480	87.7	89.7	
Acidity, mg KOH/g	0.38				100	13.0	16.2	500	89.5	91.3	
Sulphur, wt%	0.11				120	17.7	21.3	520	91.2	92.7	
Hydrogen Sulphide, mg/kg	1				140	23.1	27.2	540	92.6	93.9	
Mercaptan Sulphur, mg/kg	4				160	28.0	32.4	560	93.8	95.0	
Viscosity, cSt at 10 °C	5.1				180	31.8	36.2	580	94.8	95.8	
50 °C	2.3				200	35.3	39.9				
Pour Point, °C	6				220	39.2	43.8				
Total Nitrogen, wt%	0.10				240	43.5	48.1				
Wax, wt%	-				260	48.0	52.5				
Wax Appearance Temperature, °C	-				280	52.6	57.0				
RVP at 37.8 °C, kPa	-				300	57.2	61.5				
Water, vol%	-				320	61.7	65.8				
NaCl, mg/kg	-				340	66.0	69.9				
Nickel, mg/kg	4.3				360	70.1	73.7				
Vanadium, mg/kg	0.7				380	73.8	77.1				
Iron, mg/kg	1.1				400	77.2	80.3				
Mercury, µg/kg	-				420	80.3	83.1				
					440	83.1	85.6				

PROPERTIES OF TBP CUTS

LIGHT NAPHTHA	Cuts	Yield	Yield	Den 15°C	S	RSH	RON	MON			Napht.	Aro.	RVP			
	°C	wt%	vol %	kg/m3	wt%	mg/kg	clear	clear			vol%	vol%	kPa			
	15-65	5.4	6.8	656	0.00	0	74.3	72.3			10.6	0.6	-			
	15-80	7.4	9.1	671	0.00	0	71.6	69.4			18.4	1.8	-			
HEAVY NAPHTHA	Cuts	Yield	Yield	Den 15°C	S	RSH					Napht.	Aro.				
	°C	wt%	vol %	kg/m3	wt%	mg/kg					vol%	vol%				
	80-150	16.4	17.8	758	0.00	0					55.1	8.1				
80-175	21.5	23.2	766	0.00	0					55.1	8.9					
100-150	12.8	13.8	765	0.00	0					56.5	8.4					
KEROSENE	Cuts	Yield	Yield	Den 15°C	S	RSH	Smoke	Acidity	Cetane	Freez. Pt		Aro.	Visc cSt			Flash
	°C	wt%	vol %	kg/m3	wt%	mg/kg	Pt mm	mgKOH/g	Index	°C		vol%	50°C			Point
	150-230	15.6	16.0	805	0.02	1	25	0.02	38.1	-57		15.3	1.0			55.5
	175-230	10.4	10.6	813	0.02	1	24	0.03	39.8	-51		17.0	1.2			69.8
150-250	20.0	20.3	811	0.02	1	24	0.03	40.2	-51		16.5	1.1			58.7	
GASOIL	Cuts	Yield	Yield	Den 15°C	S		Anilin		Cetane	Cloud Pt	CFPP	Pour Pt	Visc cSt	Visc cSt	UOPK	Flash
	°C	wt%	vol %	kg/m3	wt%		Point °C		Index	C	C	C	50°C	100°C		Point
	175-400	46.3	45.0	852	0.09		67		48.5	0	-4	-9	2.9	1.3	11.8	83.0
	230-400	35.9	34.3	864	0.11		71		51.3	4	2	0	4.0	1.7	11.8	106.0
230-375	31.6	30.4	859	0.10		70		51.3	-1	-3	-5	3.4	1.5	11.8	104.5	
VACUUM DISTILLATE	Cuts	Yield	Yield	Den 15°C	S	Conrad.	Anilin	Ni	Va	Total N	Bas N	Pour Pt	Visc cSt	Visc cSt	UOPK	Asp C7
	°C	wt%	vol %	kg/m3	wt%	wt%	Point °C	mg/kg	mg/kg	wt%	mg/kg	C	100°C	150°C		wt %
	375-550	20.3	18.2	923	0.21	0.1	84	0	0	0.15	490	42	9.5	3.4	11.8	0.0
	375-565	21.2	18.9	925	0.21	0.2	85	1	0	0.16	505	43	10.2	3.5	11.8	0.0
	375-580	21.9	19.5	927	0.22	0.3	85	1	0	0.17	520	44	10.8	3.7	11.8	0.0
400-580	17.6	15.6	934	0.23	0.4	86	1	0	0.20	576	47	14.3	4.5	11.8	0.0	
RESIDUE	Cuts	Yield	Yield	Den 15°C	S	Conrad.	Acidity	Ni	Va	Total N		Pour Pt	Visc cSt	Visc cSt	Pene	Asp C7
	°C	wt%	vol %	kg/m3	wt%	wt%	mgKOH/g	mg/kg	mg/kg	wt%		C	100°C	150°C	mm/10	wt%
	> 375	27.1	23.7	945	0.27	4.0	0.9	16	3	0.36		23	22	6	-	0.0
	> 550	6.8	5.5	1015	0.45	15.4	0.8	63	10	0.99		70	2050	119	37	0.0
	> 565	5.9	4.8	1022	0.47	17.3	0.8	71	12	1.07		74	3870	178	27	0.0
> 580	5.2	4.2	1028	0.49	19.4	0.7	80	13	1.16		77	7750	277	21	0.0	

This crude oil data sheet is for information purposes only. No guaranty is given as to its accuracy or as to any consequences arising from its use.