



Crude
EA BLEND
Country Nigeria

TBP
DISTILLATION

Density at 15 °C, kg/m3	849.3	Assay Assay Quality 01-Dec-10 Fair	°C	wt %	vol %	°C	wt %	vol %
° API	35.03		015	1.69	1.94	080	5.41	6.54
Bbl/mt	7.42		160	18.77	21.40	180	22.72	25.61
Viscosity, cSt at 10 °C	5.6		230	34.39	37.70	370	78.35	80.62
Viscosity cst at 50°C	2.4		400	83.88	85.77	530	96.05	96.68
Pour Point, °C	-33.0		550	97.03	97.53	565	97.80	98.19
Wax content, wt%								
Wax Appearance Temp °C								
R V P at 37.8 °C, kPa								
Water %vol								
BSW %vol								
NaCl mg/kg								
Sulphur, wt %	0.09							
Mercaptan sulphur, mg/kg	3							
Hydrogen sulphide, mg/kg								
Acidity mg KOH/g	0.21							
Nickel, mg/kg	1							
Vanadium, mg/kg	0							
Nitrogen, wt%	0.0341							

PROPERTIES OF TBP CUTS

	Cut	Yield	Yield	Dens 15°C	S	RSH	RON	RON	MON	MON	Napht	Aro	RVP			Benz	
	°C	wt %	vol %	kg/m3	wt %	%wt	clear	0,15g/l	clear	0,15g/l	%vol	%Vol	kPa			%vol	
LIGHT NAPHTHA	15-65																
	15-80	3.72	4.60	686	0.0029		75.6	82.4	73.8	81.0		7.0					7.0
HEAVY NAPHTHA	80-150	11.69	13.00	764	0.0020						Napht	Aro					
	80-175	16.32	18.01	770	0.0030						%vol	%vol					
	100-150	8.35	9.28	764	0.0020						44.8	16.8					
											42.9	17.6					
											42.9	17.4					
KEROSENE	150-230	17.29	18.16	809	0.013		Smoke	Acid.	Cetane	Freeze Pt	Naphtal.	Aro.	Saybolt	Visc cst			Flash
	175-230	12.66	13.14	818	0.016		Point	mg/g	Calc	°C	%vol	%vol	Color	50 °C			Point
	150-250	23.57	24.29	824	0.031		25		36.6	-53.0		17.8					
									38.6								
									35.2								
GASOIL	175-400	62.15	61.22	862	0.074		Anilin Pt	Cetane	Cetane	Cloud Pt	CFPP	Pour Pt	Visc cst	Visc cst	KUOP		Flash
	230-400	49.49	48.08	874	0.089		C	Calc.	Calc.	°C	°C	°C	50 °C	100 °C			Point
	230-375	44.88	43.78	871	0.082			47.4	47.8	1		1					
								47.2	47.2	5		5					
										-1		-1					
VACUUM DISTILLATE	375-550	17.76	16.05	940	0.18	Conrad	Acid.	Ni	V	Total N	Bas N	Pour Pt	Visco cSt	Visc cst	KUOP		Asp. C7
	375-565	18.53	16.71	942	0.18	wt %	mg/g	mg/kg	mg/kg	wt %	wt%	C	100 °C	150°C	11.62		%wt
	375-580						0.30	0.50		0.1100	0.0600						
	400-565	13.92	12.41	952	0.19												
RESIDUE	> 375	20.73	18.52	951	0.23	Conrad	Asp C5	Ni	V	Total N	Pene	Pour Pt	Visco cSt	Visco cSt			Asp. C7
	> 550	2.97	2.47	1020	0.50	wt %	%wt	mg/kg	mg/kg	wt %		°C	100 °C	150 °C			wt %
	> 565	2.20	1.81	1030	0.62			6.0	1.0	0.1600		37	33	7			0.4
	> 580									0.5000		67	2828	173			2.2
												69	4854	247			

* estimated value

Total DTS/AM

Mar-12

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 .