



Crude
EA BLEND
Country Nigeria

TBP
DISTILLATION

Density at 15 °C, kg/m3 ° API Bbl/mt Viscosity, cSt at 10 °C Viscosity cst at 50°C Pour Point, °C Wax content, wt% Wax Appearance Temp °C R V P at 37.8 °C, kPa Water %vol BSW %vol NaCl mg/kg Sulphur, wt % Mercaptan sulphur, mg/kg Hydrogen sulphide, mg/kg Acidity mg KOH/g Nickel, mg/kg Vanadium, mg/kg Nitrogen, wt%	849.3 35.03 7.42 5.6 2.4 -33.0 0.09 3 0.21 1 0 0.0341	Assay Assay Quality Ethane Propane Iso-Butane n-Butane	01-Dec-10 Fair wt % vol % 0.00 0.00 0.34 0.57 0.59 0.89 0.76 1.11	°C wt % vol % °C wt % vol %
				015 1.69 1.94 080 5.41 6.54 160 18.77 21.40 180 22.72 25.61 230 34.39 37.70 370 78.35 80.62 400 83.88 85.77 530 96.05 96.68 550 97.03 97.53 565 97.80 98.19

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 %
LIGHT NAPHTHA	15-65																		
	15-80	3.72	4.60	686	0.0029		75.6	82.4	73.8	81.0								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							
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							
GASOIL	175-400	62.15	61.22	862	0.074		Anilin Pt	Cetane	Cetane	Cloud Pt	CFPP	Pour Pt	Visc cst	Visc cst				Flash	
	230-400	49.49	48.08	874	0.089		C		Calc.	°C	°C	°C	50 °C	100 °C				Point	
	230-375	44.88	43.78	871	0.082				47.4	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				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		Asp C5	Ni	V	Total N	Pene	Pour Pt	Visco cSt	Visco cSt				Asp. C7	
	> 550	2.97	2.47	1020	0.50		%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	
											0.5000		67	2828	173				2.2
	> 580												69	4854	247				

* estimated value