



**Crude**                    **MANDJI**  
**Country**                 **Gabon**

**TBP**  
**DISTILLATION**

				°C			wt %			vol %			°C			wt %			vol %				
		<b>Assay</b>		<b>18-Mar-10</b>		015			0.90			1.35			080			4.47			6.05		
		Density at 15 °C, kg/m3		875.6		150			13.04			16.11			175			15.91			19.33		
		° API		30.01		230			22.78			26.81			325			37.30			42.02		
		Bbl/mt		7.20		350			41.77			46.57			375			46.16			50.96		
		Viscosity, cSt at 10 °C		210.0		550			73.07			76.75			565			75.40			78.84		
		Viscosity cst at 50°C		11.4																			
		Pour Point, °C		3.0																			
		Wax content, wt%																					
		Wax Appearance Temp °C																					
		R V P at 37.8 °C, kPa		38.0																			
		Water %vol																					
		BSW %vol																					
		NaCl mg/kg																					
		Sulphur, wt %		1.00																			
		Mercaptan sulphur, mg/kg		6																			
		Hydrogen sulphide, mg/kg		<1																			
		Acidity mg KOH/g		0.48																			
		Nickel, mg/kg		51																			
		Vanadium, mg/kg		35																			
		Nitrogen, wt%		0.1900																			

**PROPERTIES OF TBP CUTS**

LIGHT NAPHTHA	Cut °C	Yield wt %	Yield vol %	Dens 15°C kg/m3	S wt %	RSH %wt	RON clear	RON 0,15g/l	MON clear	MON 0,15g/l	Napht %vol	Aro %Vol	RVP kPa				Benz %vol															
	15-65																	0.9														
	15-80	3.57	4.71	664	0.0020		72.2	79.6	69.8	77.3		1.4																				
HEAVY NAPHTHA	Cuts °C	Yield wt %	Yield vol %	Dens 15°C kg/m3	S wt %						Napht %vol	Aro %vol																				
	80-150	8.57	10.06	746	0.0069						43.2	6.4																				
	80-175	11.44	13.28	754	0.0177						40.8	7.9																				
	100-150	6.12	7.18	746	0.0069						40.8	7.6																				
KEROSENE	Cuts °C	Yield wt %	Yield vol %	Dens 15°C kg/m3	S wt %	RSH mg/kg	Smoke Point	Acid. mg/g	Cetane Calc	Freeze Pt °C	Naphtal. %vol	Aro. %vol	Saybolt Color	Visc cst 50 °C			Flash Point															
	150-230	9.74	10.70	797	0.099	2	24		41.2	<-60		15.8																				
	175-230	6.87	7.48	804	0.120				43.9	-55.0		16.5																				
	150-250	12.80	13.90	806	0.164	2	22		42.1																							
GASOIL	Cuts °C	Yield wt %	Yield vol %	Dens 15°C kg/m3	S wt %		Anilin Pt C	Cetane	Cetane Calc.	Cloud Pt °C	CFPP °C	Pour Pt °C	Visc cst 50 °C	Visc cst 100 °C	KUOP	Flash Point																
	175-400	34.09	35.31	845	0.471				52.7	-8	-9.8	-12																				
	230-400	27.22	27.83	857	0.560				53.1	-2	-4.0	-6																				
	230-375	23.38	24.15	848	0.487				54.3	-5	-7.0	-9																				
VACUUM DISTILLATE	Cuts °C	Yield wt %	Yield vol %	Dens 15°C kg/m3	S wt %	Conrad wt %	Anilin Pt C	Ni mg/kg	V mg/kg	Total N wt %	Bas N wt%	Pour Pt C	Visco cSt 100 °C	Visco cSt 150°C	KUOP	Asp. C7 %wt																
	375-550	26.91	25.80	913	1.00	1.29				0.1200	0.0394	8.77		12.04																		
	375-565	29.24	27.88	918	1.01																											
	375-580																															
	400-565	25.40	24.20	919	1.02																											
RESIDUE	Cuts °C	Yield wt %	Yield vol %	Dens 15°C kg/m3	S wt %	Conrad wt %	Asp C5 %wt	Ni mg/kg	V mg/kg	Total N wt %	Pene	Pour Pt °C	Visco cSt 100 °C	Visco cSt 150 °C	Asp. C7 wt %																	
	> 375	53.84	49.04	961	1.59							36	65	12																		
	> 550	26.93	23.25	1014	2.17	16.8		213.8	144.4	0.5900		69	2165	142	4.7																	
	> 565	24.60	21.16	1018	2.26							72	3270	185																		
	> 580																															

\* estimated value

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 .