

		Crude	N'KOSSA BLEND			TBP									
		Country	Congo			DISTILLATION									
Assay Date		25-Aug-17				°C	wt%	vol%	°C	wt%	vol%				
Density at 15°C, kg/m3	813.3					080	9.1	11.6	460	75.9	78.9				
°API	42.4					090	10.6	13.3	480	78.1	80.8				
Bbl/mt	7.748					100	12.3	15.2	500	80.2	82.8				
Acidity, mg KOH/g	<0.05					120	16.5	19.9	520	82.3	84.7				
Sulphur, wt%	0.041					140	21.4	25.2	540	84.3	86.5				
Hydrogen Sulphide, mg/kg	0					160	26.2	30.2	560	86.3	88.2				
Mercaptan Sulphur, mg/kg	1					180	30.0	34.3	580	88.1	89.8				
Viscosity, cSt at 10 °C	13					200	33.7	38.0							
50 °C	3					220	37.5	41.9							
Pour Point, °C	-3					240	41.5	46.0							
Total Nitrogen, wt%	0.024					260	45.6	50.0							
Wax, wt%	-					280	49.5	53.9							
Wax Appearance Temperature, °C	-					300	53.1	57.4							
RVP at 37.8 °C, kPa	29			Ethane		320	56.4	60.5							
Water, vol%	-			0.04		340	59.7	63.7							
NaCl, mg/kg	-			0.34		360	63.3	67.1							
Nickel, mg/kg	3.6			0.26		380	66.6	70.2							
Vanadium, mg/kg	0.1			0.37		400	69.3	72.7							
Iron, mg/kg	-			1.02		420	71.6	74.9							
Mercury, µg/kg	-			1.42		440	73.7	76.9							

PROPERTIES OF TBP CUTS

Cuts	Yield	Yield	Den 15°C	S	RSH	RON	MON	Napht.	Aro.	RVP						
											°C	wt%	vol %	kg/m3	wt%	mg/kg
LIGHT NAPHTHA	15-65	5.7	7.1	644	0.00	0	70.1	69.2	4.9	0.4	-					
	15-80	7.4	9.2	656	0.00	1	66.2	65.3	9.2	1.4	-					
HEAVY NAPHTHA	80-150	14.8	16.2	740	0.00	1			33.4	8.5						
	80-175	20.0	21.7	748	0.00	1			32.9	9.6						
	100-150	11.6	12.6	746	0.00	1			34.2	9.1						
KEROSENE	150-230	15.6	16.1	786	0.01	0	30	0.01	46.6	-52		Aro.	Visc cSt			
	175-230	10.4	10.6	794	0.01	0	29	0.01	48.7	-46		vol%	50°C			
	150-250	19.6	20.1	791	0.01	0	29	0.01	48.5	-47				Flash Point		
GASOIL	175-400	40.1	39.4	826	0.03		78		56.5	2	-1	-4	2.4	1.2	12.1	80.6
	230-400	29.8	28.8	839	0.04		82		61.5	7	6	6	3.5	1.6	12.1	105.1
	230-375	26.4	25.6	836	0.03		81		60.9	2	1	1	3.1	1.4	12.1	103.6
VACUUM DISTILLATE	375-550	19.5	17.8	885	0.07	0.0	104	0	0	0.03	57	48	7.1	3.0	12.4	0.0
	375-565	20.9	19.1	887	0.07	0.1	105	0	0	0.03	66	49	7.5	3.2	12.4	0.0
	375-580	22.2	20.3	888	0.07	0.1	105	0	0	0.03	74	50	8.0	3.3	12.4	0.0
	400-580	18.8	17.1	893	0.08	0.1	107	1	0	0.03	85	52	9.4	3.8	12.4	0.0
RESIDUE	> 375	34.2	30.5	908	0.09	3.0	0.1	10	0	0.02		Pour Pt	Visc cSt	Visc cSt	Pene	Asp C7
	> 550	14.7	12.6	942	0.12	6.9	0.3	24	0	0.00		C	100°C	150°C	mm/10	wt%
	> 565	13.3	11.4	945	0.12	7.6	0.3	26	0	0.00						
	> 580	11.9	10.2	949	0.12	8.4	0.3	29	1	0.00						

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TOTAL DTS / AM

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