



Crude **N'KOSSA BLEND**

Country Congo

TBP
DISTILLATION

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

PROPERTIES OF TBP CUTS

Cuts	Yield	Yield	Den 15°C	S	RSH	RON	MON				Napht.	Aro.	RVP			
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		14.0	1.0			55.3
	175-230	10.4	10.6	794	0.01	0	29	0.01	48.7	-46		14.8	1.1			69.4
	150-250	19.6	20.1	791	0.01	0	29	0.01	48.5	-47		14.3	1.0			58.4
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		39	18	6	-	0.4
	> 550	14.7	12.6	942	0.12	6.9	0.3	24	0	0.00		27	115	24	2540	0.8
	> 565	13.3	11.4	945	0.12	7.6	0.3	26	0	0.00		26	146	28	2200	0.9
	> 580	11.9	10.2	949	0.12	8.4	0.3	29	1	0.00		25	190	33	1900	1.0

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.