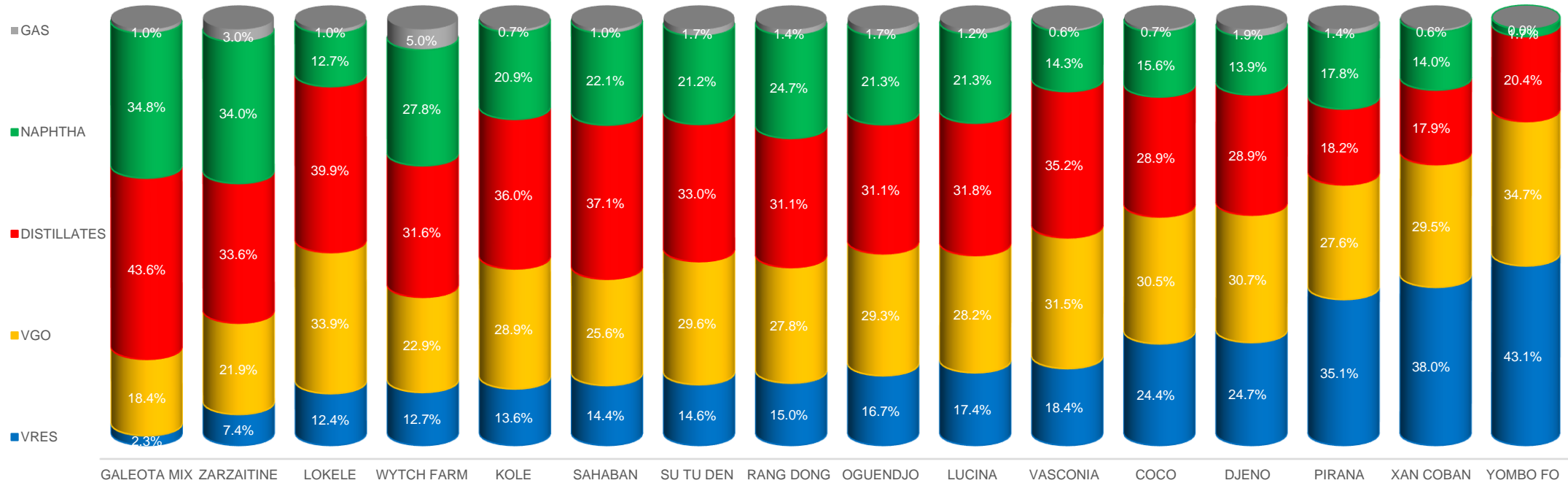


SELECTED CRUDE OIL SUMMARY

	GALEOTA MIX	ZARZAITINE	LOKELE	WYTCF FARM	KOLE	SAHABAN	SU TU DEN	RANG DONG	OGUENDJO	LUCINA	VASCONIA	COCO	DJENO	PIRANA	XAN COBAN	YOMBO FO
	Trinidad	Tunisia	Cameroon	UK	Cameroon	Turkey	Vietnam	Vietnam	Gabon	Gabon	Colombia	D.R.C	Congo	Peru	Guatemala	Congo
API Gravity	38.4	43.47	24.27	40.2	30.2	33.2	39.5	40.24	31.86	34.29	24.27	30.68	27.6	20.29	14.9	16.67
Density 15°C kg/l	0.8324	0.8083	0.9079	0.8237	0.8746	0.8587	0.8271	0.8235	0.8657	0.853	0.9079	0.872	0.8889	0.9316	0.9659	0.9544
Sulfur WT%	0.214	0.11	0.325	0.12	0.344	0.615	0.064	0.047	0.959	0.073	0.833	0.14	0.34	2.33	6.8	0.336
Nitrogen ppm	170	390	2820	590	2690	1700	840	340	1380	1400	2100	1730	2730	4000	2600	3500
RVP kPa	14.99	34.38	96.53	65.5	15.9	15	27.72	51.16	30.7	22.8	21.99	6.7	24.82	12.4	10.58	2.76
Pour Point °C	-18	-36	-18	0	9	-18	30	24	6	15	0	24	-6	-21	-9	-12
TAN mgKOH/g	0.37	0.05	2.05	0.1	0.54	0.13	0.12	0.13	0.76	0.07	0.21	0.17	0.69	0.3	0.47	0.87
Viscosity 40°C cSt	2.2	2.9	16.4	4.4	8.9	6.8	5	4.7	9.1	8.4	22	20.1	39.4	257.8	322.8	599.6
Viscosity 50°C cSt	1.8	2.4	11.6	3.6	6.6	5.4	4.2	4	6.7	5.9	15.5	13.8	22.5	142.9	171	654.2
Vanadium ppm	0.06	1	3	0.2	10	16	0.23	0.12	15	1.93	98.02	2	13.3	324	267	3
Nickel ppm	0.18	1.6	20	1	24	13	4.88	3.13	30	21.28	24.8	15	29.8	91	27.6	32



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