

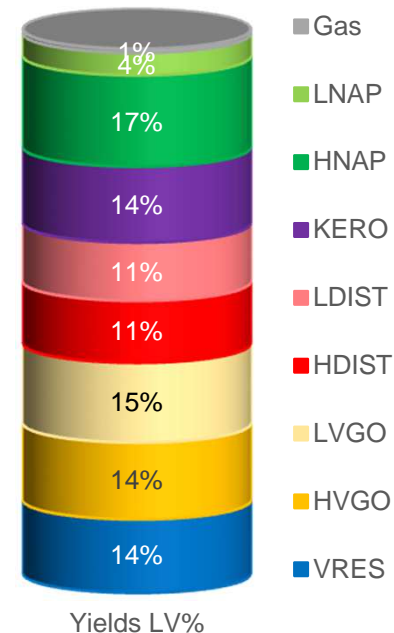
LIFTINGS

Country	CAMEROON
Terminal	FSO Massongo operated by Cameroon Oil Terminal SA
Location	Offshore 51 miles west of Limbe
Loading Restriction	Terminal accepts VLCC 1 st and 2 nd port ≤ 322k DWT
Loading Rate	37,000 bbl/hour via Loading Buoy
Cargo Size	950,000 bbl Subject to +/- 5% tolerance
Note	No draft restrictions



CRUDE OIL CHARACTERISTICS

General	Kole is a very low sulphur, medium gravity Crude Oil, with excellent cold properties and suitable cuts for thermal and catalytic operations.
Naphtha	High naphthalene content and high N+2A makes it excellent feedstock for CRU.
Kerosene	Remarkably good smoke point and optimum freezing point make this 14 LV% yield an excellent feedstock for Jet Fuel.
Gas Oil	The very high cetane index and low sulfur content of this 22 LV% yield are very good for Diesel feedstock.
VGO	Remarkably good thermal and catalytic cracking feedstock.
Residue	Suitable content of Fuel Oil, with very low sulfur.



KOLE

API Gravity	30.2
Density 15°C kg/l	0.8746
Sulfur WT%	0.344
Nitrogen ppm	2690
RVP kPa	15.9
Pour Point °C	9
TAN mgKOH/g	0.54
Viscosity 40°C cSt	8.9
Viscosity 50°C cSt	6.6
Vanadium ppm	10
Nickel ppm	24

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