

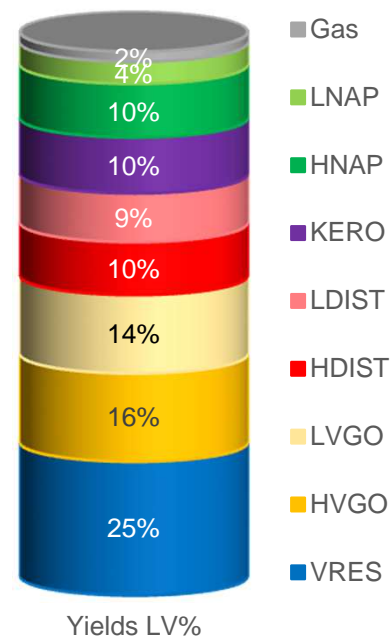
LIFTINGS

Country	CONGO
Terminal	Djeno Terminal operated by Total E&P Congo
Location	Onshore terminal 15km south of Pointe Noire
Loading Restriction	Offshore SBM suitable for VLCC up to 340k DWT 1 st and 2 nd port
Loading Rate	9,000 m ³ /hour
Cargo Size	920,000 bbl subject to a minimum of 450,000 bbl
Note	Draft is restricted to 22.5 m (for LR2 vessel and VLCC)



CRUDE OIL CHARACTERISTICS

General	Djeno is a low sulfur, medium gravity crude oil with good yield of thermal and catalytic feedstock, and good quality Naphtha.
Naphtha	Suited for catalytic reforming feedstock with good N+2A.
Kerosene	Excellent feedstock for Jet Fuel with good cold properties.
Gas Oil	19 LV% yield of excellent quality Gas Oil with cetane index of 52 and 0.2 WT% sulfur.
VGO	High yield of thermal and catalytic feedstock.
Residue	Makes a high quality Fuel Oil with low vanadium and less than 0.7 WT% sulfur.



DJENO

API Gravity	27.6
Density 15°C kg/l	0.8889
Sulfur WT%	0.34
Nitrogen ppm	2730
RVP kPa	24.82
Pour Point °C	-6
TAN mgKOH/g	0.69
Viscosity 40°C cSt	39.4
Viscosity 50°C cSt	22.5
Vanadium ppm	13.3
Nickel ppm	29.8

Perenco makes no representations or warranties express or implied, regarding the accuracy, adequacy, reasonableness or completeness of the information, assumptions or analysis contained herein or in any supplemental materials, and Perenco accepts no liability in connection therewith. This information on the crude oil presented here was prepared by Perenco. It is for your private information and we are not soliciting or suggesting any action based upon it. The actual yields and qualities of production may vary and no representation or warranty, expressed or implied, is made as to the accuracy or completeness of the information in this brochure or any accompanying crude assay.

