

CERTIFICATE OF QUANTITY

CUSTOMER: CNOOC PETROLEUM BRASIL LTDA/CHINA OFFSHORE OIL (SINGAPORE) PTE LTD

PETROINSPEC REF: PIS009/24

VESSEL: DPST NS PIONEER
VOYAGE: NS-V24-07
PRODUCT: BUZIOS CRUDE OIL

FPSO: FPSO P-76 / SANTOS BASIN
CARGO REF: P-76 OC 013
DATE: June 02nd to 03rd, 2024

SUMMARY OF QUANTITIES BY TABLE ASTM 60 A

Measurements	Gross	Net
Liters (20°C)	79.855.655	79.656.016
Kilograms (Vac)	69.905.640	69.730.876
Metric Tons (Vac)	69.905,640	69.730,876
Kilograms (Air)	69.834.513	69.659.927
Metric Tons (Air)	69.834,513	69.659,927
Long Tons (Air)	68.731,584	68.559,755
US BBLS (60°F)	500.481,80	499.230,59
US GALLONS (60°F)	21.020.235,42	20.967.684,87
Cubic Meters (60°F)	79.570,199	79.371,274
Cubic Meters (20°C)	79.855,655	79.656,016
Liters (15°C)	79.535.236	79.336.398

SUMMARY OF QUANTITIES BY TABLE ASTM 6 A

Measurements	Gross	Net
US BBLS (60°F)	500.507,39	499.256,13
Kilograms (Vac)	69.911.040	69.736.260
Metric Tons (Vac)	69.911,040	69.736,260
Kilograms (Air)	69.826.080	69.651.510
Metric Tons (Air)	69.826,080	69.651,510
Long Tons (Air)	68.723,280	68.551,470
US GALLONS (60°F)	21.021.310,40	20.968.757,50
Cubic Meters (60°F)	79.574,269	79.375,334
Cubic Meters (20°C)	79.859,754	79.660,106
Liters (15°C)	79.539.319	79.340.472

SUMMARY OF QUANTITIES BY TABLE ASTM 54 A

Measurements	Gross	Net
Liters (15°C)	79.538.172	79.339.325
Kilograms (Vac)	69.922.007	69.747.201
Metric Tons (Vac)	69.922,007	69.747,201
Kilograms (Air)	69.837.091	69.662.497
Metric Tons (Air)	69.837,091	69.662,497
Long Tons (Air)	68.734,121	68.562,285
US BBLS (60°F)	500.500,27	499.249,01
US GALLONS (60°F)	21.021.011,30	20.968.458,40

Density at 20°C	0,8754
Density at 15°C	0,8791
°API	29,4
S&W (% Vol)	0,250
Salt (mg/l)	84,0