

## CERTIFICATE OF QUANTITY

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

**PETROINSPEC REF:** PIS004/24

**VESSEL:** DPST NS PIONEER

**VOYAGE:** NS-V24-05

**PRODUCT:** BUZIOS CRUDE OIL

**FPSO:** P-75 / SANTOS BASIN

**CARGO REF:** P75 OC 012

**DATE:** April 09th to 10th, 2024

### SUMMARY OF QUANTITIES BY TABLE ASTM 60 A

Measurements	Gross	Net
Liters (20°C)	79.738.166	79.698.297
Kilograms (Vac)	69.922.398	69.887.437
Metric Tons (Vac)	69.922,398	69.887,437
Kilograms (Air)	69.828.047	69.793.133
Metric Tons (Air)	69.828,047	69.793,133
Long Tons (Air)	68.725.220	68.690,857
US BBLs (60°F)	499.752,34	499.502,47
US GALLONS (60°F)	20.989.598,47	20.979.103,70
Cubic Meters (60°F)	79.454,225	79.414,498
Cubic Meters (20°C)	79.738,166	79.698,297
Liters (15°C)	79.419.313	79.379.603

### SUMMARY OF QUANTITIES BY TABLE ASTM 6 A

Measurements	Gross	Net
US BBLs (60°F)	499.772,68	499.522,79
Kilograms (Vac)	69.938.816	69.903.846
Metric Tons (Vac)	69.938,816	69.903,846
Kilograms (Air)	69.854.000	69.819.072
Metric Tons (Air)	69.854,000	69.819,072
Long Tons (Air)	68.750,762	68.716,386
US GALLONS (60°F)	20.990.452,56	20.979.957,18
Cubic Meters (60°F)	79.457,459	79.417,730
Cubic Meters (20°C)	79.741,427	79.701,556
Liters (15°C)	79.422.561	79.382.849

### SUMMARY OF QUANTITIES BY TABLE ASTM 54 A

Measurements	Gross	Net
Liters (20°C)	79.421.581	79.381.870
Kilograms (Vac)	69.914.818	69.879.860
Metric Tons (Vac)	69.914,818	69.879,860
Kilograms (Air)	69.830.041	69.795.126
Metric Tons (Air)	69.830,041	69.795,126
Long Tons (Air)	68.727,182	68.692,818
US BBLs (60°F)	499.766,61	499.516,73
US GALLONS (60°F)	20.990.197,62	20.979.702,66

Density at 20°C	0,8769
Density at 15°C	0,8803
°API	29,1
S&W (% Vol)	0,05
Salt (mg/l)	26,0