

## CERTIFICATE OF QUANTITY

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

**PETROINSPEC REF:** PIS010/24

**VESSEL:** DPST NS PIONEER

**FPSO:** FPSO P-75

**VOYAGE:** NS-V24-08

**CARGO REF:** P-75 OC 013

**PRODUCT:** BUZIOS CRUDE OIL

**DATE:** JUNE 12th TILL JUNE 14th, 2024

### SUMMARY OF QUANTITIES BY TABLE ASTM 60 A

Measurements	Gross	Net
Liters (20°C)	157.672.440	157.357.095
Kilograms (Vac)	138.278.730	138.002.172
Metric Tons (Vac)	138.278,730	138.002,172
Kilograms (Air)	138.092.229	137.816.045
Metric Tons (Air)	138.092,229	137.816,045
Long Tons (Air)	135.911,273	135.639,451
US BBLS (60°F)	988.199,85	986.223,45
US GALLONS (60°F)	41.504.393,77	41.421.384,95
Cubic Meters (60°F)	157.111,127	156.796,905
Cubic Meters (20°C)	157.672,440	157.357,095
Liters (15°C)	157.042.092	156.728.008

### SUMMARY OF QUANTITIES BY TABLE ASTM 6 A

Measurements	Gross	Net
US BBLS (60°F)	988.228,66	986.252,21
Kilograms (Vac)	138.293.960	138.017.370
Metric Tons (Vac)	138.293,960	138.017,370
Kilograms (Air)	138.126.250	137.849.990
Metric Tons (Air)	138.126,250	137.849,990
Long Tons (Air)	135.944,750	135.672,860
US GALLONS (60°F)	41.505.603,70	41.422.592,80
Cubic Meters (60°F)	157.115,708	156.801,477
Cubic Meters (20°C)	157.677,067	157.361,714
Liters (15°C)	157.046.701	156.732.609

### SUMMARY OF QUANTITIES BY TABLE ASTM 54 A

Measurements	Gross	Net
Liters (15°C)	157.046.013	156.731.920
Kilograms (Vac)	138.263.310	137.986.782
Metric Tons (Vac)	138.263,310	137.986,782
Kilograms (Air)	138.095.677	137.819.485
Metric Tons (Air)	138.095,677	137.819,485
Long Tons (Air)	135.914,667	135.642,836
US BBLS (60°F)	988.224,52	986.248,07
US GALLONS (60°F)	41.505.429,80	41.422.418,90

Density at 20°C	0,8770
Density at 15°C	0,8804
°API	29,1
S&W (% Vol)	0,200
Salt (mg/l)	28,0