



CERTIFICATE OF QUANTITY

CUSTOMER: CNOOC PETROLEUM BRASIL LTDA/ CHINA OFFSHORE OIL (SINGAPORE) INTERNATIONAL PTE LTD		PETROINSPEC REF: PIS007/24
VESSEL: DPST DAQING KNUITSEN		FPSO: Pioneiro de Libra - Santos Basin
VOYAGE: 018		CARGO REF: FPL OC 005
PRODUCT: MERO CRUDE OIL		DATE: April 28th to 29th, 2024

SUMMARY OF QUANTITIES BY TABLE ASTM 60 A

Measurements	Gross	Net
Liters (20°C)	76.411.630	76.182.396
Kilograms (Vac)	67.058.846	66.857.671
Metric Tons (Vac)	67.058,846	66.857,671
Kilograms (Air)	66.961.044	66.760.161
Metric Tons (Air)	66.961,044	66.760,161
Long Tons (Air)	65.903,496	65.705,787
US BBLS (60°F)	478.906,63	477.469,91
US GALLONS (60°F)	20.114.078,30	20.053.736,30
Cubic Meters (60°F)	76.140,024	75.911,604
Cubic Meters (20°C)	76.411,630	76.182,396
Liters (15°C)	76.106.567	75.878.249

SUMMARY OF QUANTITIES BY TABLE ASTM 6 A

Measurements	Gross	Net
US BBLS (60°F)	478.931,11	477.494,31
Kilograms (Vac)	67.063.980	66.862.790
Metric Tons (Vac)	67.063,980	66.862,790
Kilograms (Air)	66.982.710	66.781.760
Metric Tons (Air)	66.982,710	66.781,760
Long Tons (Air)	65.924,820	65.727,040
US GALLONS (60°F)	20.115.106,60	20.054.761,00
Cubic Meters (60°F)	76.143,916	75.915,483
Cubic Meters (20°C)	76.415,551	76.186,304
Liters (15°C)	76.110.473	75.882.141

SUMMARY OF QUANTITIES BY TABLE ASTM 54 A

Measurements	Gross	Net
Liters (15°C)	76.108.816	75.880.490
Kilograms (Vac)	67.044.256	66.843.124
Metric Tons (Vac)	67.044,256	66.843,124
Kilograms (Air)	66.963.022	66.762.133
Metric Tons (Air)	66.963,022	66.762,133
Long Tons (Air)	65.905,444	65.707,728
US BBLS (60°F)	478.920,78	477.484,02
US GALLONS (60°F)	20.114.672,80	20.054.328,80

Density at 20°C	0,8776
Density at 15°C	0,8809
*API	29,0
S&W (% Vol)	0,3
Salt (mg/l)	36,0