

Espadarte FPSO: Gas Compression For Gaslift



(Above) Espadarte FPSO with completely renewed top sides on its way from singapore to the Espadarte field. You can see the 5 gas compression units behind the turret.

(Left) G3616SITA Caterpillar gas engine packaged with Dresser Rand compressor into one gas compression unit, running on gas and compressing gas instead of flaring.

Customer:	IHC Gusto / SBM
Application:	Gas compression for gaslift and boost power on Petrobras Espadarte FPSO
Year:	1999
Delivery	4 x G3616SITA and 1 x G3608SITA Caterpillar gas engines packaged with Dresser Rand reciprocating compressors by Caterpillar Compression Systems in Houston.
Power:	4 x 3300 kW and 1 x 1800 kW at 1000 rpm
Performance:	88 MMSCFD gaslift
Dimensions:	each unit 14 x 5 x 12 m (LxWxH)
Weight:	each unit 170 tons