



POWER FOR AN OFFSHORE OIL PLATFORM

Rugged. Serviceable. Rough Environment. Reliable, Tough Specifications. Frequently used words in the Petroleum industry.

Through the years, Enercon has developed a reputation for meeting all those requirements with control systems, switchgear, mechanical assemblies, enclosures & packages, and mobile equipment in almost every major oil field in the world plus many floating and anchored platforms, loading facilities, pumping & compression facilities, and Liquefied Natural Gas (LNG) plants.

This Enercon custom designed generator set package provides power to a floating off-shore petroleum drilling, storage, and off-loading facility off the African coast in the Atlantic Ocean.



SPECIFICATIONS:

ENGINE:

- 8,000 Horsepower, air start
- Oversize radiator system for 15% additional capacity for jacket water and fuel cooling

GENERATOR:

- 5.2 Mega watt total power
- 6.5 MVA
- 6.6 kV, 50Hz

ENCLOSURE:

- 316 Stainless steel
- Sound attenuated to 85 db(A)
- Designed for 100 mph wind loads
- 65' long, 24' wide, 24' high
- Weight = 192 tons
- Piping, valves, and fittings 316/316L stainless steel tested per API
- Explosion proof interior lighting
- Photo cell exterior lighting
- Fire suppression system per NFPA 750 with 100% back-up reserve, Hi-Fog water mist, fire & gas detection system & manual pull stations
- ANSI, IEEE, NEMA, IEC, AWS, and API compliant
- Double trolley and hoist system in enclosure for engine maintenance

