

07/01/2019

**The GM Operations
Elshcon Nigeria Ltd**

Sir,

Report on 140KVA Generator at H/O

After inspection by two vendors, having observed a constant shutting down of the Generator, which indict low oil pressure, after we have changed the oil pressure switch, it persists; we decided to do a Comprehensive service on the Generator.

Benteno Technical services were awarded the maintenance job. After the servicing the shutdown continues, then a further troubleshooting was carried out, it was discovered there was a heavy sludge in the oil sump, the oil strainer was completely blocked, overhauling gasket burnt due to overheating caused by the choked radiator. This resulted in the non-flow of Engine oil, which caused the low oil pressure in the Generator.

Also the Fuel injector pump, the fuel injector nozzles was damaged due to water in the diesel tank. Therefore two (2) nozzles to be serviced and four (4) to be replaced.

The Quotation detailing the comprehensive repair has been submitted as well.

Recommendation.

1. Overhauling of the Generation.
2. Water in the Diesel supply must be check
3. Technician to monitor usage (During this period no personnel was on ground to do proper check on the equipment)

Timothy Isiguzor
Maintenance Manager

Signature 7/1/19

CC: GM Due Diligence

*Tim
Going forward, let's
get a good pressure washing
machine to regularly flush the
fins of all Generator Radiators.
open an operations booklet for the
office Generators to be filled by
an operator to ensure compliance
check list before operating the
machine*
1/1/19