

# HYUNDAI

## POWER PRODUCTS

### **Hyundai 1500rpm diesel generator maintenance program**

#### **Initial commissioning to include (engine only - excludes electrical connection):**

Check and fill engine with oil

Check and fill coolant system

Add sufficient diesel as agreed.

Load test at rated load if possible (this is done before despatch so may not be required).

Test ATS if required

Check all outputs, Voltages, Frequency, 12v charging, ATS charging etc.

Check and adjust 12v alternator belts

Check wiring loom and hoses for correct alignment

Check battery condition

Check coolant mixture and level

Check for fluid leaks

Check control panel functions and demonstrate to customer if required

General all round inspection

Estimated time: 2 hours

Parts: Oil and Coolant if necessary

#### **Every 250 hours or 6 months (whichever is sooner)**

As above, plus:

Full service to include engine oil change.

All engine oil filters, diesel filters and air filter changed.

Load test at rated load if possible and run for 2 hours at 50%+ load

General all round inspection - advice any potential issues

Estimated time: 3 hours

Parts: Oil filters, diesel filters, air filter

**Every 1000 hours**

As above plus:

Adjust valve clearances

Estimated time: 4 hours

Parts: Oil filters, diesel filters, air filter

**Every 2 years**

Replace coolant mixture

Replace fan belts

Check and replace any rubber hoses if required

If the generator is being run under a very light load for most of the time, it may require load testing on a more frequent basis.