

# Total Infrastructures Gaz

**LOCATION:**

Lussagnet, France

**APPLICATION:**

Natural Gas Compression

**ENGINE/COMPRESSOR:**

Creusot-Loire (Cooper-Bessemer) GMVH-12

**DISTRIBUTOR/REP:**

Hatraco  
Tjeerd van Eif

**ALTRONIC PRODUCTS:**

GOV-10  
SaveAir  
CPU-2000

**OVERVIEW:**

This engine was equipped with start air valves in all cylinders. This differs from the standard which has one bank equipped with these (6) valves. More valves were added because the customer had starting problems.

Hatraco supplied the GOV-10 display modules and cable harness, Altronic SaveAir modules, solenoids, 2 filters per solenoid and Altronic harnesses with explosion-proof installation materials (Ex certified components) including junction boxes that can function as conduit T's, and the conduits themselves, the main junction box and all items from it to the solenoids, CPU-2000 modules, and shielded ignition coils.

The customer installed all components and removed the old mechanical speed control assembly and



mechanical distributor. Commissioning was done by Hatraco.

Total Infrastructures Gaz had just installed an inductive Dynalco ignition system on both compressors before installing the first Altronic GOV-10, making them reluctant to upgrade to the CPU-2000 at first. With the inductive Dynalco system they experienced unreliable ignition below 40 rpm, which could not be maintained long with the old start air system (vessel size).

After successful installation and good results with the GOV-10, they decided to add the SaveAir systems. Continued success led to the removal of the Dynalco's and the installation of the Altronic CPU-2000 system.

This solved their startup problems.