

CPU-95 Upgrade

LOCATION:

Alberta, Canada

APPLICATION:

Waukesha L5108G,
Worthington Compressor

DISTRIBUTOR/REP:

Gas Drive Global

ALTRONIC PRODUCTS:

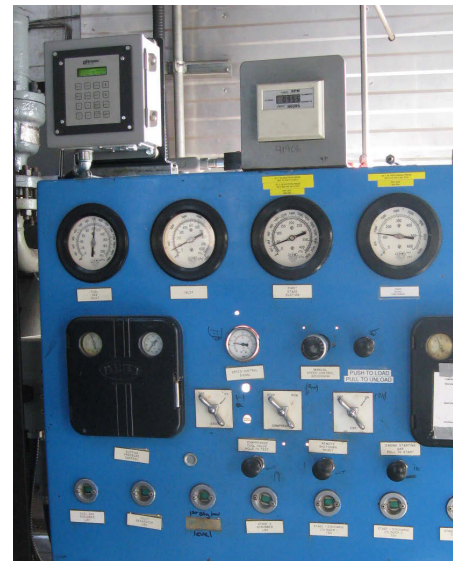
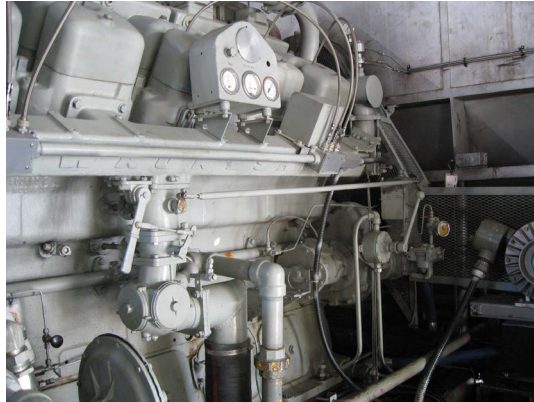
CPU-95 Advanced Digital
Ignition System

OVERVIEW:

With reduced emissions and fuel savings becoming much more than just a buzz phrase in the Canadian Oil & Gas Industry, Gas Drive Global's customer wanted to step back to identify some areas where major improvements could be realized with a minimum initial cost.

The focus landed on a 1980's-vintage Waukesha L5108G driving a 4-throw Worthington compressor that was still equipped with a magneto-fired ignition system. The field operators were skeptical at best when upgrading to an Altronic CPU-95 was suggested, as the site operators were comfortable with what they knew. Nevertheless, the CPU-95 was installed and a six month documented test was started.

Upon completion of the test, the customer was asked for comment.



According to the Maintenance Planner, "The engine has run very well with the new digital ignition. Our operators have seen great run times along with better sparkplug life, and the diagnostics make troubleshooting easier. It's hard to believe that something as simple as improved combustion stability can make such a difference. The fuel gas costs have been on average 5.5% lower since we started tracking."

"Next on our list is to add an Altronic EPC-100E to document any improvements that consistent Air/Fuel management may offer in our quest for reduced fuel consumption."