

# SUCCESS STORIES

## BACKGROUND

### Application:

Compressor Driver (Gas Plant)

### Location:

AB, Canada

### Site:

11 MW Solar Mars Gas Turbine

## PROBLEM

Based on varnish-related failures and issues at other sites, gas plant operators elected to install an SVR® Lubricant Conditioning skid with ICB® RO filters during their Compressor Driver's commissioning process.

## SOLUTION

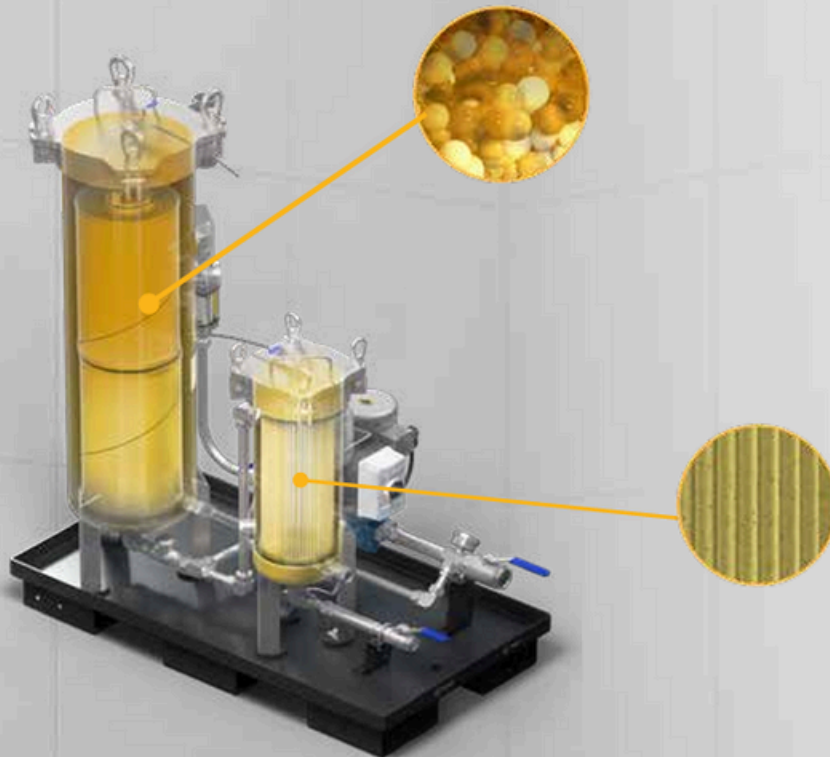
An SVR Lubricant Conditioning skid employing ICB RO filters was installed from the Compressor Driver's first day of operation.

## RESULTS

For more than a decade of baseload operation, the Plant's SVR/ICB RO filters have effectively removed varnish and its soluble precursors. These oil breakdown products form as a normal function of service. Typically, they accumulate until they cause high MPC varnish potentials and reliability issues. By conditioning their oil with SVR/ICB RO Filters, this Gas Plant has been able to maintain a near-zero MPC varnish potential and their Compressor Driver has not experienced a single oil-related failure or issue during its lifetime.



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